

Player - Advanced settings

Last Modified on 04/20/2025 2:14 pm IDT

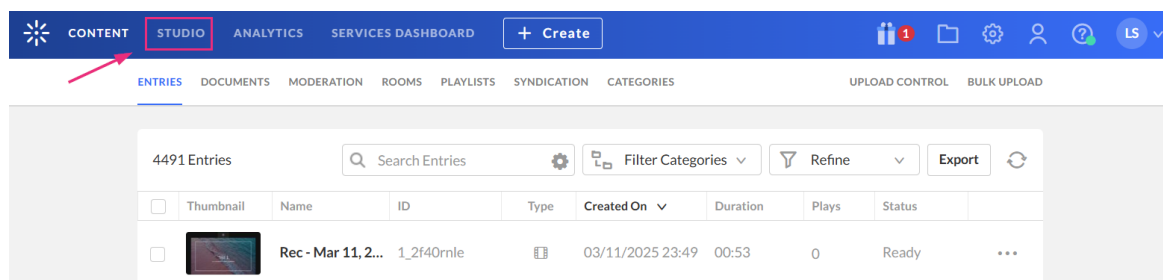
 This article is designated for administrators.

About

The Advanced Settings let you manually adjust player settings that aren't available in the main interface. This guide walks you through some key customizations to help you tailor the player's behavior to your needs.

Access the advanced settings

1. Log in to your KMC and click the **Studio** tab.



The **Player Studio** page displays.

2. Click the player you want to edit from the list (or use the search bar in the top right).



If you haven't created a player yet, check out our article [Create a player](#) for guidance.

33 Players

☆ Starred

Q

+ Create player

	Name	ID	Last Modified	Creation Date	Plays (Last 30 days)	Domains (Last 30 days)	
☆	Smart player	56381652	03/11/2025	03/11/2025	0	0	...
☆	new player	53139222	03/11/2025	08/18/2023	0	0	...
☆	Reels test	56351222	03/04/2025	03/04/2025	1	1	...

< Smart player 56381652

☆ ... Save

PLAYBACK OPTIONS

Auto Play ☐

Start Playback Muted ☐

Auto Pause ☐

[See more](#)

CAPABILITIES

Captions default display ☒

Share & Embed ☐

Info ☐

Moderation ☐

Transcript ☐

Summary & chapters ☐

Call to action ☐

Floating ☐

[See more](#)

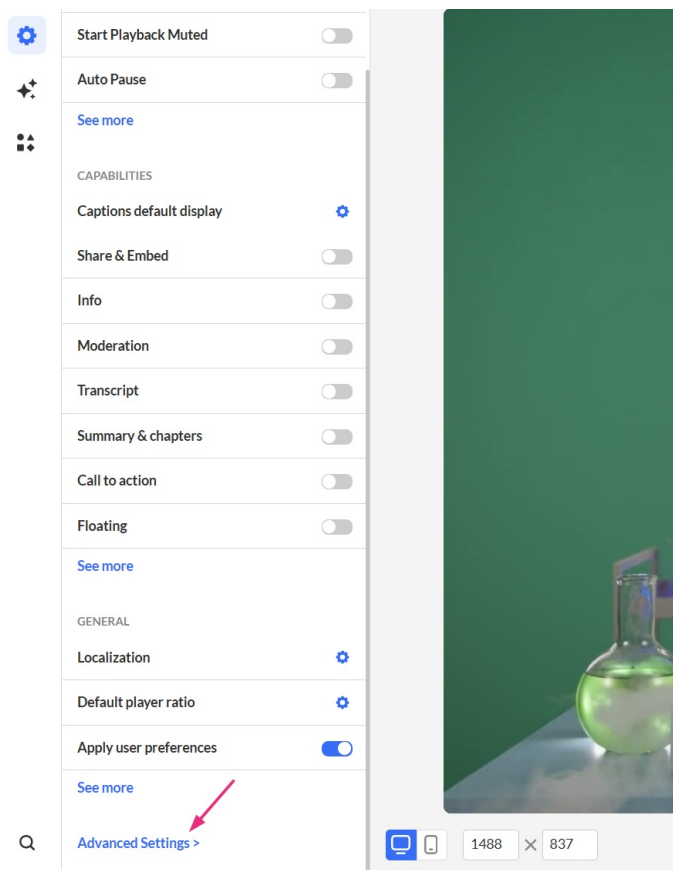
GENERAL

Localization ☒

Default player ratio ☒

Apply user preferences ☒

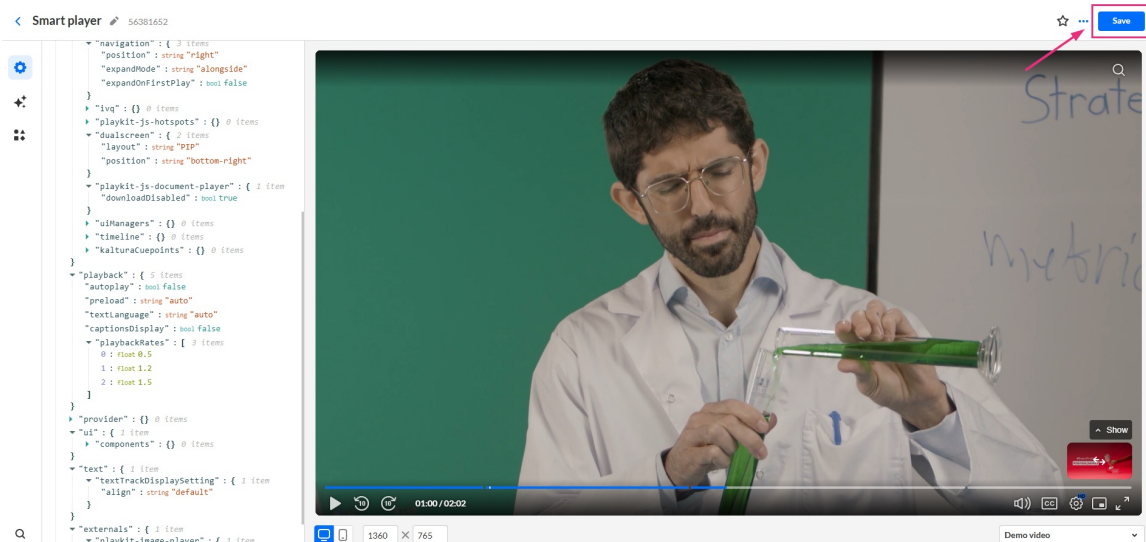
Copyright © 2024 Kaltura Inc. All Rights Reserved. Designated trademarks and brands are the property of their respective owners. Use of this document constitutes acceptance of the Kaltura Terms of Use and Privacy Policy.



The **Advanced Configuration** panel displays.



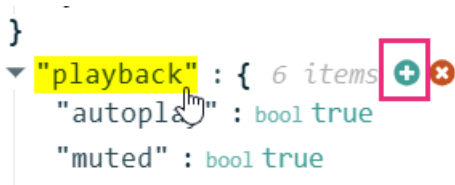
When you have finished configuring the settings, don't forget to click **Save** at the top right before exiting.



Full-screen mode (iPhone and iPad only)

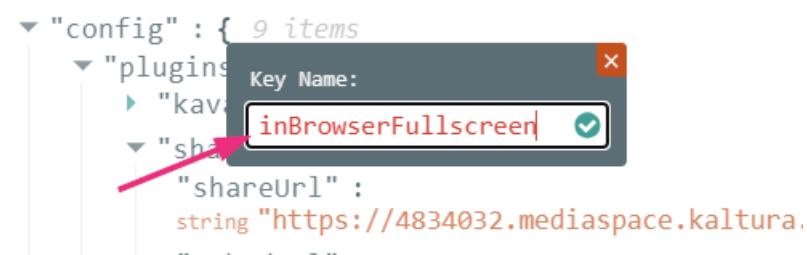
Enable fullscreen playback within the browser, instead of switching to the device's built-in player.

1. In the [Advanced Settings](#) tab, hover over **playback** and click the **green + icon**.



The **Key Name** box displays.

2. In the box, enter `inBrowserFullscreen` and click the **green check mark** or hit 'enter' on your keyboard.



You'll see the new setting listed.



```

"playback" : { 9 items
  "autoplay" : bool false
  "autoplay" : bool true
  "preload" : string "auto"
  "textLanguage" : string "auto"
  "captionsDisplay" : bool false
  "playbackRates" : [ 3 items
    0 : float 0.5
    1 : float 1.2
    2 : float 1.5
  ]
  "volume" : float 0.5
  "audioLanguage" : string "en"
  "inBrowserFullscreen" : NULL
}

```

3. Hover over the setting and click the **green edit icon**.




```

"playback" : { 2 items
  "enabled" : bool true
  "inBrowserFullscreen" : NULL  
}

```

4. In the box that opens, type **true**, then click the small green **checkmark**.

```

"playback" : { 2 items
  "enabled" : bool true
  "inBrowserFullscreen" :
    true  
    bool true 
}

```

The value displays.

```

"playback" : { 2 items
  "enabled" : bool true
  "inBrowserFullscreen" : bool true
}

```

5. Click **Save** to apply your changes.

Optional: Disable double-click to enter fullscreen

By default, double-clicking the player puts the video into fullscreen.

- To turn this off, follow the same steps as above, but in the **Key Name** box, enter `config.components.fullscreen.disableDoubleClick`
- Set the value to **true**.



For API reference, see [Kaltura's Playkit JS repository on GitHub](#).

Seek bar preview thumbnails

Show thumbnail previews when users hover over the timeline.

1. In the **Advanced Settings** tab, hover over **ui** then click the **green + icon**.

```

    "volume" : float 0.5
    "audioLanguage" : string "en"
    "inBrowserFullscreen" : bool true
  }
  ▶ "provider" : {} 0 items
  ▼ "ui" : { 1 item + ✖
    ▼ "components" : { 1 item + ✖
      ▼ "seekbar" : { 4 items


```

2. In the **Key Name** box, enter: `config.ui.components.seekbar.thumbsSprite`, then click the green checkmark or press 'Enter' on your keyboard.

```

  ▼ "config" : { 7 items
    ▼ "plugins" : { 1 item
      ▶ "kaltura" : { 1 item
        ▼ "kal..." : { 1 item
          "showLiveViewers" : bool false

```



You'll see the new setting listed.

```

    "inBrowserFullscreen" : bool true
  }
  ▶ "provider" : {} 0 items
  ▼ "ui" : { 2 items
    ▶ "components" : {} 0 items
    "config.ui.components.seekbar.thumbsSprite"
      : NULL
  }
  ▼ "text" : { 1 item

```

3. Hover over the setting and click the **green edit icon**.

```

    "config.ui.components.seekbar.thumbsSprite"
      : NULL ✎ ✖

```

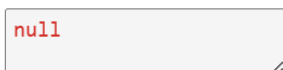


A box containing a null value displays.

```

    "config.ui.components.seekbar.thumbsSprite"
      : null

```



4. Remove the null value and paste in the URL of your thumbnail image, then click the **green checkmark**.

```

"ui" : { 2 items
  ▶ "components" : {} 0 items
  "config.ui.components.seekbar.thumbsSprite"
  :
  https://cdnbakmi.kaltu
  ra.com/p/4834032/sp/48
  3403200/thumbnail/entr
  y_id/1_aaa551bq/def_he
  ight/480/def_width/640
  /vid_slices/92
}

```

The string displays.

```

"ui" : { 2 items
  ▶ "components" : {} 0 items
  "config.ui.components.seekbar.thumbsSprite"
  :
  string "https://cdnbakmi.kaltura.com/p/4834032/s
  "
}

```

5. Click **Save**.

To turn this feature off, put an empty string (' ') in the value field.



If the setting doesn't appear after saving, try refreshing the page. Occasionally, Player Studio doesn't register the added key right away.

Optional: Adjust thumbnail display settings

You can fine-tune how thumbnails appear using the following keys:

Thumbnail width

Key Name: `config.ui.components.seekbar.thumbsWidth`

```

"config" : { 7 items
  ▶ "plugins"
  ▶ "kav"
  ▶ "kal"
  "showLiveViewers" : bool false

```

Example value: `164`

```

"config.ui.components.seekbar.thumbsWidth"
:
164
int 164

```

Thumbnail height

Key Name: `config.ui.components.seekbar.thumbsHeight`

Example value: `92`

Number of slices (frames)

Key Name: `config.ui.components.seekbar.thumbsSlices`

Example value: `100`



Each slice is a frame in the preview, so more slices = more accurate preview.

Volume

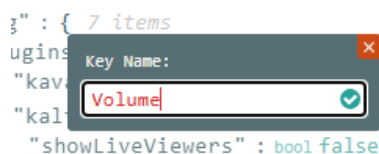
Set the default player volume. For the user guide, see [Playback Functionality](#).

1. In the [Advanced Settings](#) tab, hover over **playback** then click the **green + icon**.



The **Key Name** box displays.

2. In the box, enter `Volume`, then click the **green checkmark** or press 'Enter' on your keyboard.



You'll see the new setting listed.

3. Hover over the setting and click the **green edit icon**.



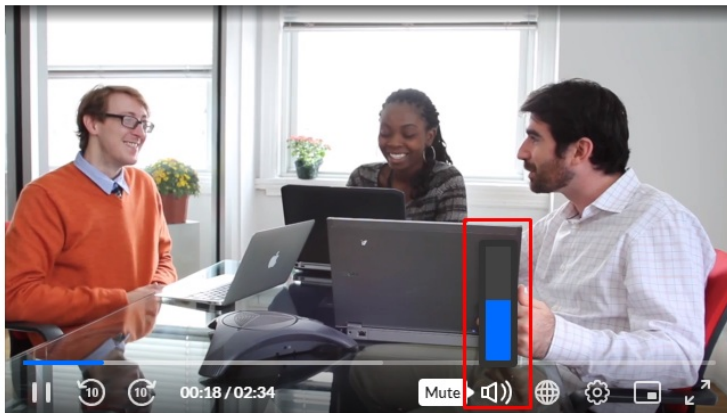
4. In the box that opens, enter a value between 0 and 1 (for example, 0.5 for 50% volume), then click the **small green checkmark**.


```
"inBrowserFullscreen" : bool true
"Volume" :  float 0.5
```

5. Click **Save**.

```
"playback" : { 3 items
  "autoplay" : bool false
  "preload" : string "auto"
  "volume" : float 0.5
```

Volume assigned a value of 0.5



Player volume showing 0.5

Playback speed

Defines the playback speeds available to users (e.g., slow motion or fast forward).

Set as an array - 1.0 is normal speed. Example: [0.5, 1, 1.5, 2]

For the user guide, see [Player controls](#).

1. In the Advanced Settings, hover over the **playback** object then click the **green + icon**.

```

  ▾ "navigation" : { 3 items
    "position" : string "right"
    "expandMode" : string "alongside"
    "expandOnFirstPlay" : bool false
  }
  ▶ "ivq" : {} 0 items
  ▶ "playkit-js-hotspots" : {} 0 items
  ▾ "dualscreen" : { 2 items
    "layout" : string "PIP"
    "position" : string "bottom-right"
  }
  ▾ "playkit-js-document-player" : { 1 item
    "downloadDisabled" : bool true
  }
  ▶ "uiManagers" : {} 0 items
  ▶ "timeline" : {} 0 items
  ▶ "kalturaCuepoints" : {} 0 items
}
▾ "playback" : { 4 items + ×
  "autoplay" : bool false
  "preload" : string "auto"
  "textLanguage" : string "auto"
  "captionsDisplay" : bool false
}
▶ "provider" : {} 0 items
▾ "ui" : { 1 item
  ▶ "components" : {} 0 items

```

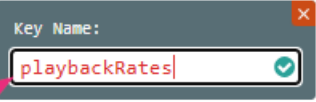
The **Key Name** box displays.

2. In the box, enter `playbackRates`, then click the **green checkmark** or press 'Enter' on your keyboard.

```

  ▾ "config" : { 7 items
    ▾ "plugins" : {
      ▶ "kav" : {}
      ▾ "kai" : {
        "showLiveViewers" : bool false
        "preOfflineEntryId" : string ""
      }
    }
  }

```




You'll see the new setting listed.

3. Hover over the setting and click the **green edit icon**.

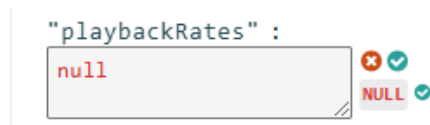
```

  ▾ "playback" : { 5 items + ×
    "autoplay" : bool false
    "preload" : string "auto"
    "textLanguage" : string "auto"
    "captionsDisplay" : bool false
    "playbackRates" : NULL ✎ ×
  }
  ▶ "provider" : {} 0 items

```



A box containing a null value displays.



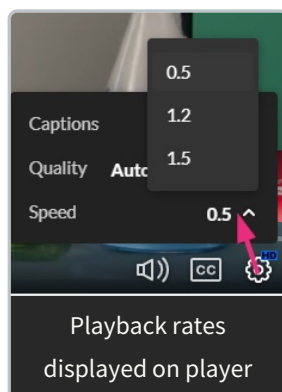
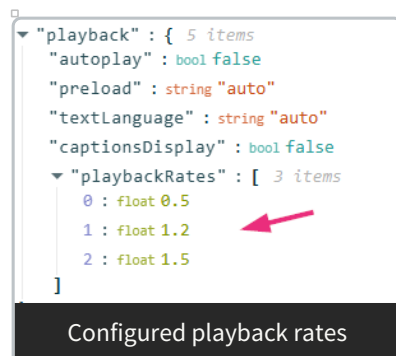
4. Remove the null value and enter the desired values inside square brackets, for example: [0.5, 1, 1.5, 1.75, 2, 3], then click the **small green check mark**.



To include just one custom speed, add **1** first, for example, [1, 1.2].



The result looks like this:



Audio language

Set the default audio track language.

1. In the Advanced Settings, hover over **playback** then click the **green+ icon**.



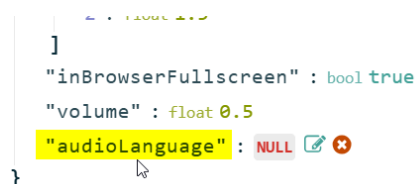
The **Key Name** box displays.

2. In the box, enter `audioLanguage`, then click the **green checkmark** or press 'enter' on your keyboard.

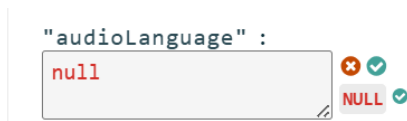


You'll see the new setting listed.

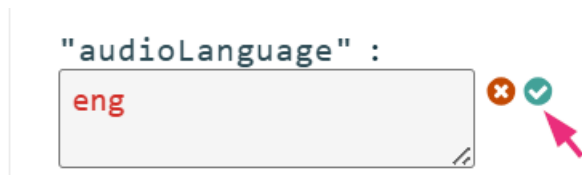
3. Hover over the setting and click the **green edit icon**.



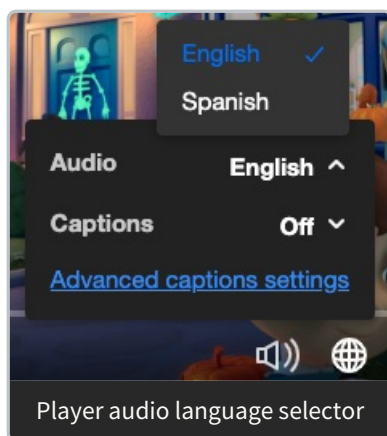
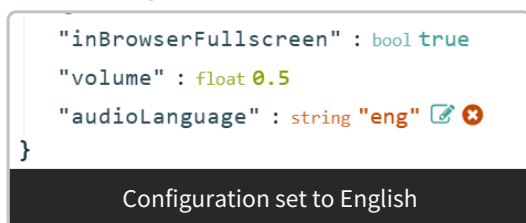
A box containing a null value displays.



- Remove the null value and enter the desired values: **eng** for English, **es** for Spanish etc.



- Click the **green check mark** to save.



If the value **auto** is set and an audio track with the specified language is available, it will be selected as the initial audio track.

```
var config = { playback: { audioLanguage: 'auto' }
};
```



Using multi-audio tracks requires configuring a designated audio flavor for each language under the account transcoding profile priorly. This configuration requires PS setup; please get in touch with your CSM for assistance.

Video resolution (Safari only)

To enable resolution changes in Safari on Mac.

1. In the Advanced Settings, hover over the **playback** object then click the **green + icon**.

```

}
▼ "playback": { 8 items + ×
  "autoplay": bool false
  "preload": string "auto"
  "textLanguage": string "auto"
  "captionsDisplay": bool false

```

The **Key Name** box displays.

2. In the box, enter `preferNative`, then click the **green checkmark** or press 'Enter' on your keyboard.

```

▼ "config": { 7 items
  ▼ "plugins"
    ▶ "kaltura"
      ▼ "kaltura"
        "showLiveViewers": bool false

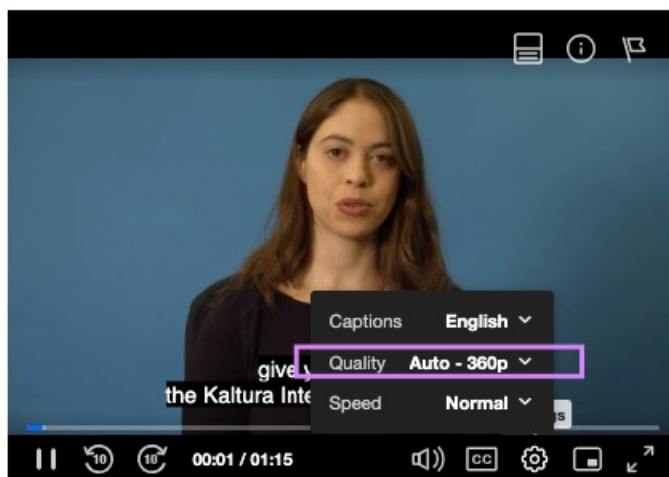
```

Key Name:

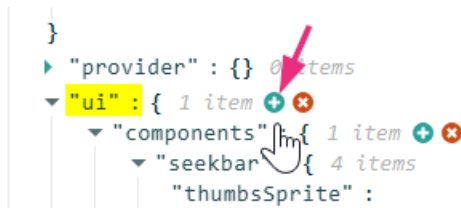
✓

You'll see the new setting listed.

Once "preferNative" is added, video resolution adjustment can be performed as follows:

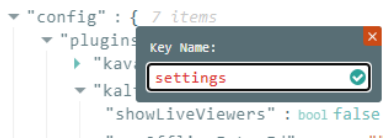


1. hover over **ui** then click the **green + icon**.



The **Key Name** box displays.

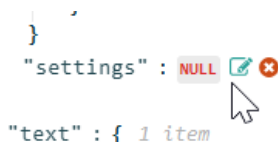
2. In the box, enter `settings`, then click the **green checkmark** or press 'Enter' on your keyboard.



You'll see the new setting listed.



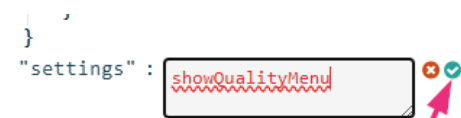
3. Hover over the setting and click the **green edit icon**.



A box containing a null value displays.



4. Remove the null value and paste in `showQualityMenu` then click the **green checkmark**.



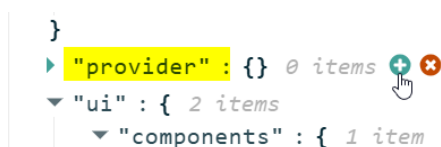
Custom error message

See our article [How to custom the player error message](#).

Custom tag for VR mode

By default, any video tagged 360 triggers VR mode. If you want to avoid triggering it accidentally (for example, on math or technical videos), you can define your own tags.

1. In the Advanced Settings, hover over **provider** then click the **green+ icon**.



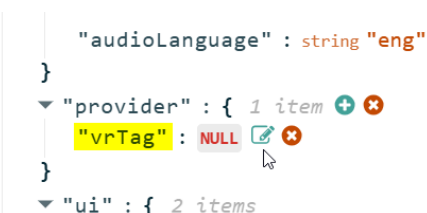
The **Key Name** box displays.

2. In the box, enter **vrTag**, then click the **green checkmark** or press 'enter' on your keyboard.

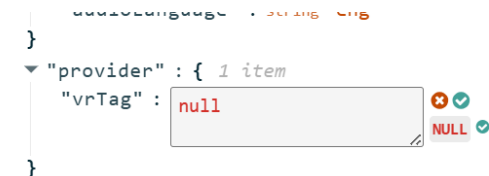


You'll see the new setting listed.

3. Hover over the setting and click the **green edit icon**.



A box containing a null value displays.



4. Remove the word **null** and type your custom tag, for example, **my_360_tag** (do not add quotes - the system will add them automatically).


```

}
  "provider" : { 1 item
    "vrTag" : my_360_tag
  }
}

```

5. Click the **green check mark** to save your changes.

Now the VR button will only appear for videos that specifically have the tag you set, preventing incorrect playback in VR mode.

```

}
  "provider" : { 1 item
    "vrTag" : string "my_360_tag"
  }
}

```



Make sure all relevant videos in your account are updated with the new tag. Only videos with this tag will trigger VR mode.

For more details on configuring VR playback, see [360 & VR](#).

Change the default caption font

You can customize how captions appear in your player by changing the default font style, size, and color. This lets you better match your player to your branding or improve readability for your viewers.

1. In the Advanced Settings, hover over **text** then click the **green+ icon**.

```

}
  "text" : { 1 item
    "textTrackDisplaySetting" : {
      "align" : string "default"
    }
  }
}

```

The **Key Name** box displays.

2. In the box, enter `textStyle`, then click the **green checkmark** or press 'enter' on your keyboard.

```

  "config" : { 7 items
    "plugins" : {
      "kav" : {
        "kal" : {
          "showLiveViewers" : bool false
        }
      }
    }
  }
}

```

You'll see the new setting listed.

3. Hover over the setting and click the **green edit icon**.

```
}
  "textStyle": NULL
}
```

A box containing a null value displays.

```
}
"textStyle" : null
```

4. Delete the word **null**, and begin typing your style settings exactly as shown below (make sure to include the opening and closing curly brackets { }), then click the small green checkmark.

```
}
"textStyle" : {
  "fontFamily": "Courier New",
  "fontSize": "120%",
  "fontColor": [255, 255, 0]
}
```

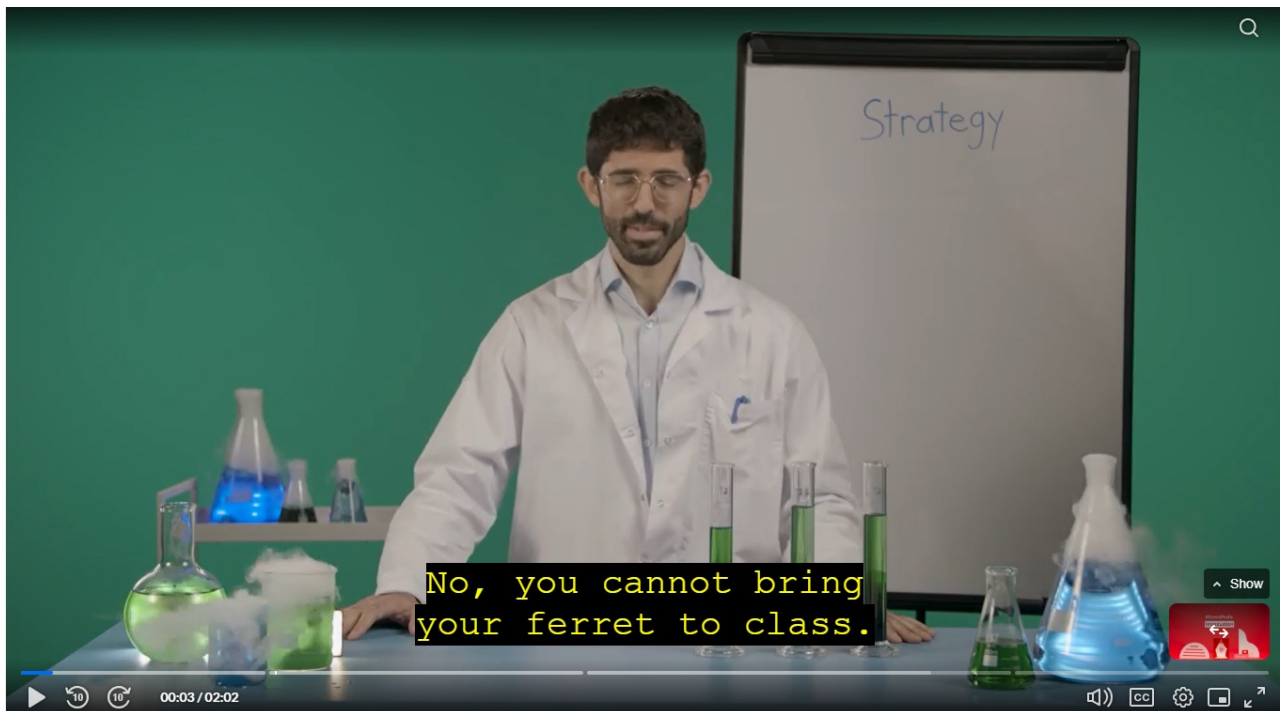
It will look something like this:

```
}
  "textStyle" : { 3 items
    "fontFamily" : string "Courier New"
    "fontSize" : string "120%"
    "fontColor" : [ 3 items
      0 : int 255
      1 : int 255
      2 : int 0
    ]
  }
```

Tips while typing:

- Make sure each line ends with a comma **except** the last one before a closing bracket.
- Use double quotes " around all key names and string values.
- Use square brackets [] for color (as well as edge values if used, as shown in the [advanced example below](#)).

Here are the results of our configuration:



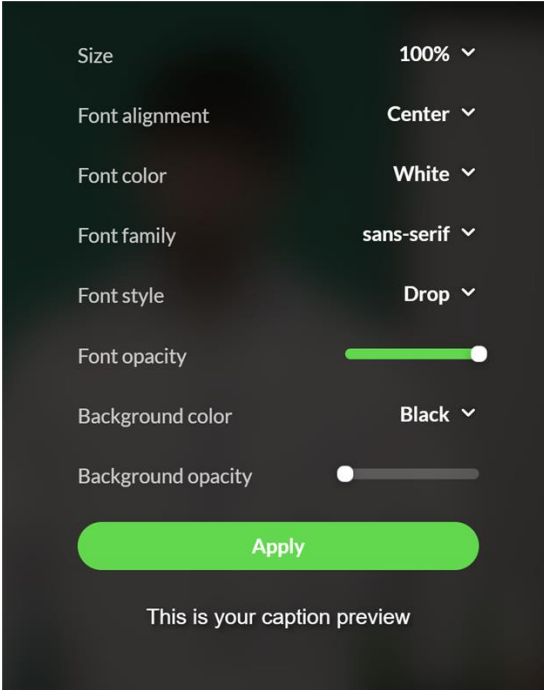
Here's a more advanced example that includes additional style options:

```
"text": {
  "textTrackDisplaySetting": {
    "align": "center"
  },
  "textStyle": {
    "fontFamily": "sans-serif",
    "fontSize": "100%",
    "textAlign": "center",
    "fontColor": [
      255,
      255,
      255
    ],
    "fontOpacity": 1,
    "backgroundColor": [
      0,
      0,
      0
    ],
    "backgroundOpacity": 0,
    "fontEdge": [
      [34,34,34,2,2,3],
      [34,34,34,2,2,4],
      [34,34,34,2,2,5]
    ]
  }
},
```



See the [Kaltura Playkit JS configuration guide](#) for more information.

This setup corresponds to these options in the player:



A screenshot of the Kaltura player settings menu, which is a dark-themed overlay. It contains a list of settings on the left and their corresponding values on the right. The settings are: Size (100%), Font alignment (Center), Font color (White), Font family (sans-serif), Font style (Drop), Font opacity (a green slider bar), Background color (Black), and Background opacity (a grey slider bar). Below the settings is a green 'Apply' button. At the bottom of the menu, the text 'This is your caption preview' is displayed.

Size	100% ▾
Font alignment	Center ▾
Font color	White ▾
Font family	sans-serif ▾
Font style	Drop ▾
Font opacity	<div><div></div></div>
Background color	Black ▾
Background opacity	<div><div></div></div>

Apply

This is your caption preview