

Converting Colors

YUV(133.7890, -10.2490,
-26.1250)

Have a look what the booklet for
YUV(133.7890, -10.2490, -26.1250)
contains.

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Color

**YUV(133.7890, -10.2490,
-26.1250)**

Conversions

Conversions Part 1

Format	Color
Hex	689971
RGB	104, 153, 113
RGB Percent	41%, 60%, 44%
CMY	0.5922, 0.4000, 0.5569
CMYK	0.32, 0.00, 0.26, 0.40
HSL	131°, 19%, 50%
HSV	131°, 32%, 60%
XYZ	20.0808, 26.9178, 19.7601
YIQ	133.7890, -16.3640, -22.8280

Conversions

Conversions Part 2

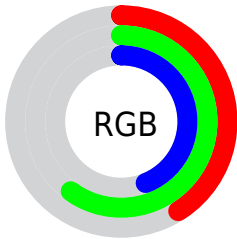
Format	Color
RYB	104, 145, 153
Decimal	6855025
CIELab	58.90, -25.04, 15.90
CIELCh	59, 29.664, 147.584
Yxy	26.9178, 0.3008, 0.4032
Android (android.graphics.Color)	4285045105 (0xFF689971)
YUV	133.7890, -10.2490, -26.1250
Hunter-Lab	51.8823, -21.7066, 13.7363

Details

The YUV color **133.7890, -10.2490, -26.1250** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **123.2110, 10.2490, 26.1250**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.8490, -11.2646, -27.0546**, and **83.4300, -9.0860, -25.8101** is the 20% darker color. If you saturate the color by 10%, you get **127.9360, -13.2794, -34.1469**, and if you desaturate by 10%, it is **139.6420, -7.2185, -18.1030**.

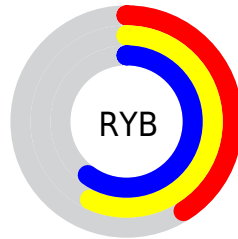
Distribution



Red (41%)

Green (60%)

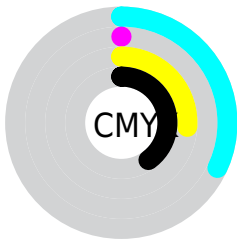
Blue (44%)



Red (41%)

Yellow (57%)

Blue (60%)

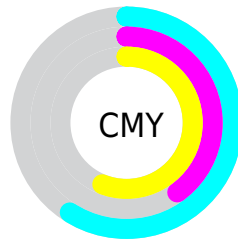


Cyan (32%)

Magenta (0%)

Yellow (26%)

Black (40%)



Cyan (59%)

Magenta (40%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.7890, -10.2490, -26.1250 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 133.7890, -10.2490, -26.1250 by changing the saturation by 10% instead.

■ 133.7890,
-10.2490, -26.1250

■ 133.7890,
-10.2490, -26.1250

■ 255.0000, 0.0000,
0.0000

■ 108.2020, -9.9596,
-25.6102

■ 187.8490,
-11.2646, -27.0546

■ 83.4300, -9.0860,
-25.8101

■ 215.4360,
-11.5539, -27.5694

■ 59.0710, -7.9230,
-25.4953

■ 238.1530, -8.9494,
-22.9362

■ 35.1030, -6.4598,
-28.1543

■ 250.1300, -0.5571,
-8.0070

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 133.7890,
-10.2490, -26.1250

■ 133.7890,
-10.2490, -26.1250

■ 127.9360,
-13.2794, -34.1469

■ 139.6420, -7.2185,
-18.1030

■ 121.6700,
-16.5993, -42.6836

■ 145.9080, -3.8986,
-9.5663

■ 115.8170,
-19.6298, -50.7055

■ 151.7610, -0.8682,
-1.5444

■ 109.8500,
-23.0970, -58.6274

■ 157.7280, 2.5991,
6.3775

■ 103.9970,
-26.1275, -66.6494

■ 163.8800, 5.4822,
15.0142

■ 97.7310, -29.4474,
-75.1861

■ 169.8470, 8.9494,
22.9362

■ 93.0030, -32.0465,
-81.5636

■ 175.7000, 11.9799,
30.9581

■ 181.6670, 15.4472,

38.8800

■ 187.8190, 18.3302,
47.5167

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



137.1850, -20.7972, -2.7932



133.7890, -10.2490, -26.1250



128.9460, 4.9566, -49.9416

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



133.7890, -10.2490, -26.1250



137.6150, 27.3048, -31.2344



144.0610, -12.3551, 42.9195

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



133.7890, -10.2490, -26.1250



123.2110, 10.2490, 26.1250

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



144.9540, 0.0227, 39.5053



133.7890, -10.2490, -26.1250



143.7220, 21.8291, -1.5102

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



133.7890, -10.2490, -26.1250



129.1510, 27.5336, -58.0144



145.6560, 12.0016, 23.9807



142.0140, -21.2059, 35.0677

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



133.7890, -10.2490, -26.1250



125.5020, 15.0355, -62.7073



145.6560, 12.0016, 23.9807



143.7990, -8.2819, 43.1493

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



133.7890, -10.2490, -26.1250



191.1960, -4.0406, -10.6959



144.7230, -20.0764, -0.6341



94.6850, -2.3097, -5.8627



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



133.7890, -10.2490, -26.1250



169.2080, -15.8785, -40.5244



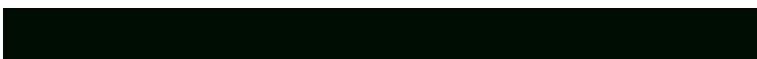
136.5250, 0.2342, -28.5244



73.8100, -1.8783, -4.2184



85.1440, -29.1580, -74.6713



7.8590, -2.8885, -6.8923

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



123.2110, 10.2490, 26.1250



152.7920, 15.8785, 40.5244



120.4750, -0.2342, 28.5244



72.0760, 1.4415, 4.3183



54.8560, 29.1580, 74.6713



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 133.7890, -10.2490, -26.1250 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 133.7890, -10.2490, -26.1250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

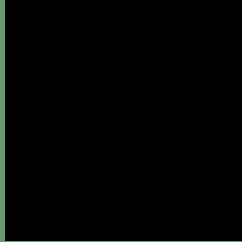
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 133.7890, -10.2490, -26.1250 Background



This preview shows how black text looks on a background with the YUV color 133.7890, -10.2490, -26.1250.



This preview shows how white text looks on a background with the YUV color 133.7890, -10.2490, -26.1250.

-26.1250.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

133.7890, -10.2490, -26.1250

Protanopia

140.1140, -16.3252, 9.5470

Deuteranopia

141.9070, -12.2792, 18.4986



Tritanopia

138.2020, 10.2534, -22.1022

Trichromacy



Original Color

133.7890, -10.2490, -26.1250

Protanomaly

137.6070, -14.1033, -3.1633

Deuteranomaly

139.0360, -11.3567, 2.5994

Tritanomaly

136.5410, 2.6913, -23.2765

Monochromacy



Original Color

133.7890, -10.2490, -26.1250

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9080, -3.8986, -9.5663

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.7890, -10.2490, -26.1250 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(104, 153, 113)` looks like.

```
.text, #text, p{  
    color:rgb(104, 153, 113)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(104, 153, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 153, 113) }
```

Border

The CSS property to change the border of an element to YUV 133.7890, -10.2490, -26.1250 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 153, 113) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(104, 153, 113) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(104, 153, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 153, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 153, 113);  
box-shadow:4px 4px 4px 4px rgb(104, 153,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 133.7890, -10.2490, -26.1250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 153, 113) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(104,  
153, 113) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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