

Converting Colors

YUV(130.2710, 11.6984,
-112.4937)

Have a look what the booklet for
YUV(130.2710, 11.6984, -112.4937)
contains.

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Color

**YUV(130.2710, 11.6984,
-112.4937)**

Conversions

Conversions Part 1

Format	Color
Hex	02BF9A
RGB	2, 191, 154
RGB Percent	1%, 75%, 60%
CMY	0.9922, 0.2510, 0.3961
CMYK	0.99, 0.00, 0.19, 0.25
HSL	168°, 98%, 38%
HSV	168°, 99%, 75%
XYZ	24.4886, 39.6076, 36.9262
YIQ	130.2710, -100.7670, -51.5750

Conversions

Conversions Part 2

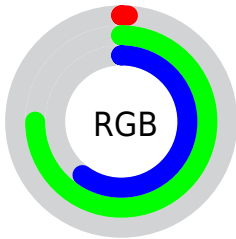
Format	Color
RYB	2, 107, 191
Decimal	180122
CIELab	69.19, -49.03, 7.41
CIELCh	69, 49.591, 171.412
Yxy	39.6076, 0.2424, 0.3921
Android (android.graphics.Color)	4278370202 (0xFF02BF9A)
YUV	130.2710, 11.6984, -112.4937
Hunter-Lab	62.9346, -40.6791, 9.2664

Details

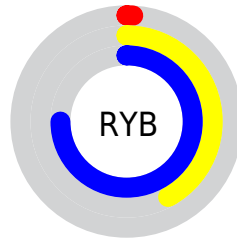
The YUV color **130.2710, 11.6984, -112.4937** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **62.7290, -11.6984, 112.4937**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.8890, 4.4917, -87.6027**, and **91.5740, 5.6330, -80.3104** is the 20% darker color. If you saturate the color by 10%, you get **129.6730, 11.9932, -113.7232**, and if you desaturate by 10%, it is **136.4080, 10.6449, -101.2128**.

Distribution



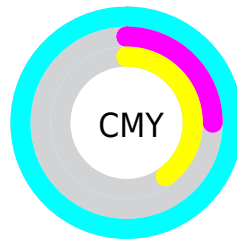
- Red (1%)
- Green (75%)
- Blue (60%)



- Red (1%)
- Yellow (42%)
- Blue (75%)



- Cyan (99%)
- Magenta (0%)
- Yellow (19%)
- Black (25%)



- Cyan (99%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.2710, 11.6984, -112.4937 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 130.2710, 11.6984, -112.4937 by changing the saturation by 10% instead.

■ 130.2710, 11.6984,
-112.4937

■ 130.2710, 11.6984,
-112.4937

■ 255.0000, 0.0000,
0.0000

■ 110.2730, 8.7394,
-96.7094

■ 198.8890, 4.4917,
-87.6027

■ 91.5740, 5.6330,
-80.3104

■ 215.8720, 10.4161,
-74.4327

■ 73.5760, 2.6740,
-64.5262

■ 227.1930, 13.7089,
-57.1743

■ 56.2790, -0.1375,
-49.3567

■ 236.4620, 9.1392,
-38.1162

■ 39.2100, -2.0755,
-34.3872

■ 245.4320, 4.7170,
-19.6729

■ 23.7880, -5.3185,
-20.8621

■ 254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 130.2710, 11.6984,
-112.4937

■ 130.2710, 11.6984,
-112.4937

■ 129.6730, 11.9932,
-113.7232

■ 136.4080, 10.6449,
-101.2128

■ 142.4310, 9.1545,
-89.8320

■ 148.5680, 8.1010,
-78.5511

■ 154.7050, 7.0474,
-67.2703

■ 161.1410, 5.8465,
-55.3747

■ 167.1640, 4.3561,
-43.9938

■ 173.3010, 3.3026,
-32.7130

■ 179.4380, 2.2491,
-21.4321

■ 185.5750, 1.1955,
-10.1513

Harmonies

Analogous

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



155.0250, -21.7043, -38.6099



130.2710, 11.6984, -112.4937



135.5040, 31.7965, -118.8370

Triad

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



130.2710, 11.6984, -112.4937



169.3840, 41.2227, -15.2458



167.9760, -33.5122, 62.2880

Complementary

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



130.2710, 11.6984, -112.4937



62.7290, -11.6984, 112.4937

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.



169.5640, -15.0681, 73.1734



130.2710, 11.6984, -112.4937



174.1530, 25.0676, 33.1918

Square

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



130.2710, 11.6984, -112.4937



147.0220, 53.2332, -87.7193



172.0140, 5.9091, 64.8857



165.8790, -43.3243, 36.0631

Rectangle

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



130.2710, 11.6984, -112.4937



136.8210, 44.4582, -119.9920



172.0140, 5.9091, 64.8857



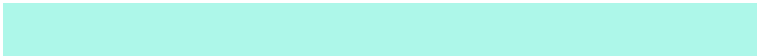
168.5020, -27.8555, 67.9657

Sweetspot

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



130.2710, 11.6984, -112.4937



223.2780, 4.7929, -44.0938



124.3050, -60.2964, -73.9355



110.5190, 2.7021, -26.7652



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



130.2710, 11.6984, -112.4937



167.6750, 15.4432, -147.0510



101.0300, 44.3552, -86.8493



91.1950, 0.8899, -5.4330



107.2240, 9.7496, -94.0354



21.0470, 1.9488, -18.4582

Inverse Universe

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



62.7290, -11.6984, 112.4937



79.3250, -15.4432, 147.0510



91.9700, -44.3552, 86.8493



87.9190, -0.4531, 5.3330



50.7760, -9.7496, 94.0354



9.9530, -1.9488, 18.4582

Previews

White Background



This preview shows how the YUV color 130.2710, 11.6984, -112.4937 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 130.2710, 11.6984, -112.4937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

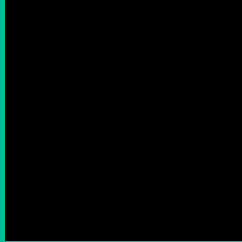
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

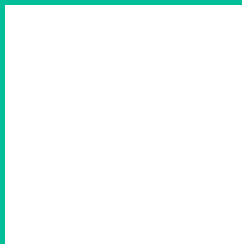
Any Text WCAG AAA ✓ Pass

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

YUV 130.2710, 11.6984, -112.4937 Background



This preview shows how black text looks on a background with the YUV color 130.2710, 11.6984, -112.4937.

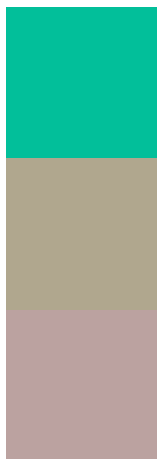


This preview shows how white text looks on a background with the YUV color 130.2710, 11.6984, -112.4937.

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

130.2710, 11.6984, -112.4937

Protanopia

166.8410, -12.2466, 8.0324

Deuteranopia

169.2470, -4.5588, 15.5694



Tritanopia

148.4380, 25.4201, -80.1911

Trichromacy



Original Color

130.2710, 11.6984, -112.4937



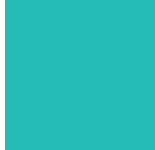
Protanomaly

153.7430, -3.8173, -35.7316



Deuteranomaly

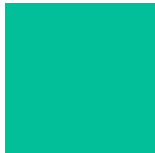
155.4430, 1.2606, -31.0835



Tritanomaly

141.6940, 20.3639, -91.8166

Monochromacy



Original Color

130.2710, 11.6984, -112.4937



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

129.8870, 4.4927, -41.1199

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.2710, 11.6984, -112.4937 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(2, 191, 154)` looks like.

```
.text, #text, p{  
    color:rgb(2, 191, 154)  
}
```

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(2, 191, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 191, 154) }
```

Border

The CSS property to change the border of an element to YUV 130.2710, 11.6984, -112.4937 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(2, 191, 154) }
```


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

```
.border{ border-color:rgb(2, 191, 154) }
```

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

Here you see how a box with a 4 pixel rgb(2, 191, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 191, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 191, 154);  
box-shadow:4px 4px 4px 4px rgb(2, 191,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 130.2710, 11.6984, -112.4937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 191, 154) }
```

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

```
.background{ background-color: rgb(2, 191,  
154) }
```

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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