

Converting Colors

YUV(133.8600, 4.9990,
-110.3792)

Have a look what the booklet for
YUV(133.8600, 4.9990, -110.3792)
contains.

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Color

**YUV(133.8600, 4.9990,
-110.3792)**

Conversions

Conversions Part 1

Format	Color
Hex	08C490
RGB	8, 196, 144
RGB Percent	3%, 77%, 56%
CMY	0.9686, 0.2314, 0.4353
CMYK	0.96, 0.00, 0.27, 0.23
HSL	163°, 92%, 40%
HSV	163°, 96%, 77%
XYZ	24.8741, 41.5451, 33.0936
YIQ	133.8600, -95.3560, -56.0280

Conversions

Conversions Part 2

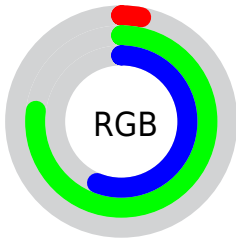
Format	Color
RYB	8, 117, 196
Decimal	574608
CIELab	70.56, -53.27, 14.77
CIELCh	71, 55.275, 164.507
Yxy	41.5451, 0.2500, 0.4175
Android (android.graphics.Color)	4278764688 (0xFF08C490)
YUV	133.8600, 4.9990, -110.3792
Hunter-Lab	64.4555, -43.9119, 14.6774

Details

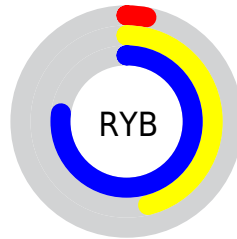
The YUV color **133.8600, 4.9990, -110.3792** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **70.1400, -4.9990, 110.3792**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.8690, -1.9074, -88.4621**, and **93.3690, -0.1819, -81.8846** is the 20% darker color. If you saturate the color by 10%, you get **131.2400, 5.3047, -115.0975**, and if you desaturate by 10%, it is **140.4100, 4.2349, -98.5836**.

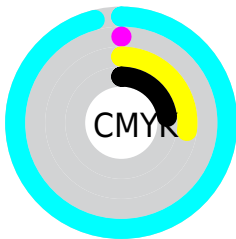
Distribution



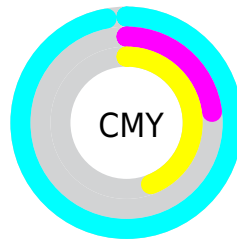
- Red (3%)
- Green (77%)
- Blue (56%)



- Red (3%)
- Yellow (46%)
- Blue (77%)



- Cyan (96%)
- Magenta (0%)
- Yellow (27%)
- Black (23%)



- Cyan (97%)
- Magenta (23%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.8600, 4.9990, -110.3792 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 133.8600, 4.9990, -110.3792 by changing the saturation by 10% instead.

133.8600, 4.9990,
-110.3792

133.8600, 4.9990,
-110.3792

255.0000, 0.0000,
0.0000

112.0680, 2.9245,
-98.2836

201.8690, -1.9074,
-88.4621

93.3690, -0.1819,
-81.8846

215.2160, 5.3165,
-72.1034

74.8980, -2.4147,
-65.6855

227.7910, 13.4140,
-55.9447

57.6010, -5.2263,
-50.5161

237.0600, 8.8444,
-36.8866

40.5320, -7.1643,
-35.5466

246.0300, 4.4222,
-18.4433

24.0670, -11.8650,
-21.1068

2.3480, -1.1576,

-2.0592

■ 0.0000, 0.0000,
0.0000

■ 133.8600, 4.9990,
-110.3792

■ 133.8600, 4.9990,
-110.3792

■ 131.2400, 5.3047,
-115.0975

■ 140.4100, 4.2349,
-98.5836

■ 146.7750, 4.0549,
-87.5027

■ 153.3250, 3.2908,
-75.7070

■ 159.6900, 3.1108,
-64.6261

■ 166.2400, 2.3467,
-52.8305

■ 172.9040, 2.0193,
-41.1348

■ 179.1550, 1.4026,
-29.9539

■ 185.7050, 0.6384,
-18.1583

■ 192.0700, 0.4585,
-7.0774

Harmonies

Analogous

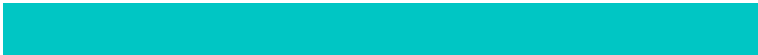
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



158.2940, -29.7249, -32.7068



133.8600, 4.9990, -110.3792



138.5700, 28.3130, -121.5259

Triad

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



133.8600, 4.9990, -110.3792



167.7300, 43.0241, -33.0892



171.4550, -33.2553, 73.2690

Complementary

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



133.8600, 4.9990, -110.3792



70.1400, -4.9990, 110.3792

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.



169.0680, -9.4005, 75.3624



133.8600, 4.9990, -110.3792



177.2860, 33.3830, 26.0592

Square

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



133.8600, 4.9990, -110.3792



137.6650, 57.8462, -120.7322



176.3330, 12.1608, 66.3600



169.5060, -47.5775, 46.9142

Rectangle

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



133.8600, 4.9990, -110.3792



141.0440, 42.8693, -123.6956



176.3330, 12.1608, 66.3600



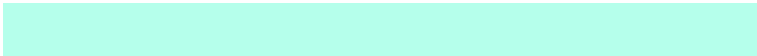
169.5290, -25.4038, 74.9581

Sweetspot

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



133.8600, 4.9990, -110.3792



230.5940, 2.1722, -43.4939



134.2030, -62.2181, -64.1990



113.0630, 0.9549, -26.3653



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



133.8600, 4.9990, -110.3792



170.6610, 6.5761, -149.6697



115.7210, 39.5775, -94.4713



93.6680, 0.1637, -5.8478



107.7310, 4.0766, -94.4801



22.1070, 0.9332, -19.3878

Inverse Universe

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



70.1400, -4.9990, 110.3792



84.3390, -6.5761, 149.6697



88.2790, -39.5775, 94.4713



90.3320, -0.1637, 5.8478



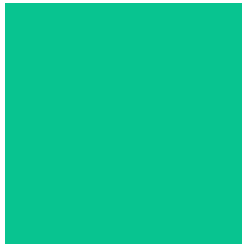
53.1550, -4.5134, 94.5801



10.8930, -0.9332, 19.3878

Previews

White Background



This preview shows how the YUV color 133.8600, 4.9990, -110.3792 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 133.8600, 4.9990, -110.3792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

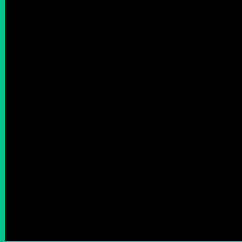
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 133.8600, 4.9990, -110.3792

Background



This preview shows how black text looks on a background with the YUV color 133.8600, 4.9990, -110.3792.

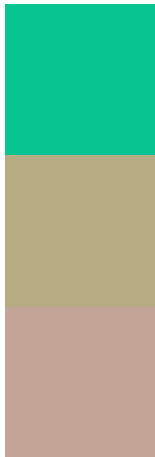


This preview shows how white text looks on a background with the YUV color 133.8600, 4.9990,

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

133.8600, 4.9990, -110.3792

Protanopia

170.1420, -18.8040, 11.2765

Deuteranopia

172.3740, -10.5374, 19.8430



Tritanopia

152.7480, 25.2672, -77.8320

Trichromacy



Original Color

133.8600, 4.9990, -110.3792



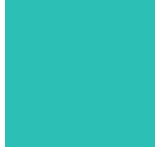
Protanomaly

156.7450, -10.2273, -33.1024



Deuteranomaly

158.1570, -5.0074, -27.3247



Tritanomaly

146.0210, 17.7376, -89.4724

Monochromacy



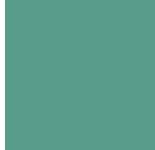
Original Color

133.8600, 4.9990, -110.3792



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.2030, 1.8719, -40.5200

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.8600, 4.9990, -110.3792 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(8, 196, 144)` looks like.

```
.text, #text, p{  
    color:rgb(8, 196, 144)  
}
```

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(8, 196, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 196, 144) }
```

Border

The CSS property to change the border of an element to YUV 133.8600, 4.9990, -110.3792 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(8, 196, 144) }
```


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

```
.border{ border-color:rgb(8, 196, 144) }
```

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

Here you see how a box with a 4 pixel rgb(8, 196, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 196, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 196, 144);  
box-shadow:4px 4px 4px 4px rgb(8, 196,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 133.8600, 4.9990, -110.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 196, 144) }
```

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

```
.background{ background-color: rgb(8, 196,  
144) }
```

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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