

Converting Colors

YUV(133.4400, 8.6571,
-117.0269)

Have a look what the booklet for
YUV(133.4400, 8.6571, -117.0269)
contains.

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Color

**YUV(133.4400, 8.6571,
-117.0269)**

Conversions

Conversions Part 1

Format	Color
Hex	00C697
RGB	0, 198, 151
RGB Percent	0%, 78%, 59%
CMY	1.0000, 0.2235, 0.4078
CMYK	1.00, 0.00, 0.24, 0.22
HSL	166°, 100%, 39%
HSV	166°, 100%, 78%
XYZ	25.7800, 42.6225, 36.1464
YIQ	133.4400, -102.9210, -56.5930

Conversions

Conversions Part 2

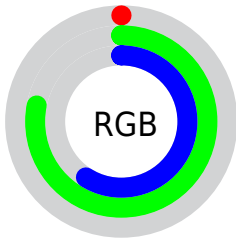
Format	Color
RYB	0, 112, 198
Decimal	50839
CIELab	71.30, -52.63, 12.03
CIELCh	71, 53.985, 167.124
Yxy	42.6225, 0.2466, 0.4077
Android (android.graphics.Color)	4278240919 (0xFF00C697)
YUV	133.4400, 8.6571, -117.0269
Hunter-Lab	65.2859, -43.7646, 12.8735

Details

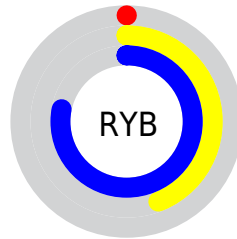
The YUV color **133.4400, 8.6571, -117.0269** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **64.5600, -8.6571, 117.0269**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.2540, 0.8608, -89.6768**, and **95.3410, 2.2969, -83.6141** is the 20% darker color. If you saturate the color by 10%, you get **133.4400, 8.6571, -117.0269**, and if you desaturate by 10%, it is **139.9900, 7.8929, -105.2312**.

Distribution



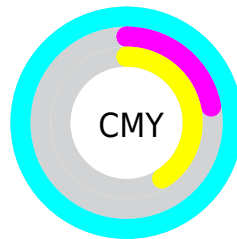
- Red (0%)
- Green (78%)
- Blue (59%)



- Red (0%)
- Yellow (44%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.4400, 8.6571, -117.0269 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 133.4400, 8.6571, -117.0269 by changing the saturation by 10% instead.

133.4400, 8.6571,
-117.0269

133.4400, 8.6571,
-117.0269

255.0000, 0.0000,
0.0000

114.0400, 5.4033,
-100.0131

203.2540, 0.8608,
-89.6768

95.3410, 2.2969,
-83.6141

216.0140, 8.3741,
-72.8033

76.7560, -0.3727,
-67.3150

227.7910, 13.4140,
-55.9447

59.4590, -3.1843,
-52.1455

237.0600, 8.8444,
-36.8866

42.3900, -5.1223,
-37.1760

246.0300, 4.4222,
-18.4433

26.2670, -8.5126,
-23.0362

5.2830, -2.6045,

-4.6332

■ 0.0000, 0.0000,
0.0000

■ 133.4400, 8.6571,
-117.0269

■ 139.9900, 7.8929,
-105.2312

■ 146.4260, 6.6920,
-93.3356

■ 152.6770, 6.0752,
-82.1547

■ 159.2270, 5.3111,
-70.3591

■ 165.7770, 4.5469,
-58.5634

■ 172.2130, 3.3460,
-46.6678

■ 178.7630, 2.5818,
-34.8722

■ 185.0140, 1.9651,
-23.6913

■ 191.4500, 0.7641,
-11.7957

Harmonies

Analogous

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



160.2550, -27.2407, -36.1806



133.4400, 8.6571, -117.0269



139.8410, 30.6444, -122.6406

Triad

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



133.4400, 8.6571, -117.0269



171.3180, 41.2552, -25.7119



173.5040, -34.2655, 70.5950

Complementary

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



133.4400, 8.6571, -117.0269



64.5600, -8.6571, 117.0269

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.



171.1880, -11.4317, 73.5031



133.4400, 8.6571, -117.0269



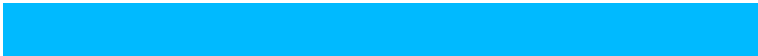
179.6240, 30.7514, 30.1478

Square

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



133.4400, 8.6571, -117.0269



138.2520, 57.5568, -121.2470



178.0620, 9.8294, 67.4746



171.0110, -46.8404, 43.8404

Rectangle

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



133.4400, 8.6571, -117.0269



142.7880, 44.4745, -125.2251



178.0620, 9.8294, 67.4746



172.4640, -26.8508, 72.3841

Sweetspot

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



133.4400, 8.6571, -117.0269



230.2240, 3.3406, -44.9234



131.1760, -64.6698, -71.1914



112.9920, 1.9759, -27.1800



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.



133.4400, 8.6571, -117.0269



171.8010, 10.9441, -150.6695



110.0350, 43.3667, -96.5007



96.0810, 0.4531, -5.3330



109.8170, 6.9922, -96.3095



24.2100, 1.3755, -21.2322

Inverse Universe

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



64.5600, -8.6571, 117.0269



83.1990, -10.9441, 150.6695



88.5520, -43.6561, 95.9859



92.9190, -0.4531, 5.3330



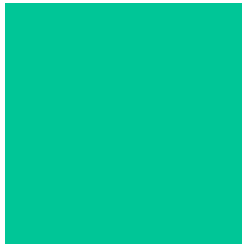
53.1830, -6.9922, 96.3095



11.6760, -1.8123, 21.3321

Previews

White Background



This preview shows how the YUV color 133.4400, 8.6571, -117.0269 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 133.4400, 8.6571, -117.0269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

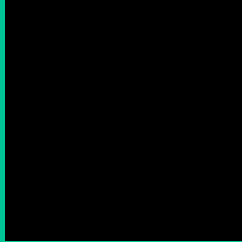
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

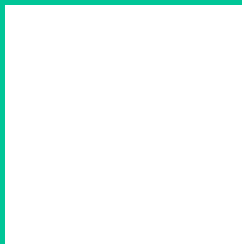
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 133.4400, 8.6571, -117.0269

Background



This preview shows how black text looks on a background with the YUV color 133.4400, 8.6571, -117.0269.

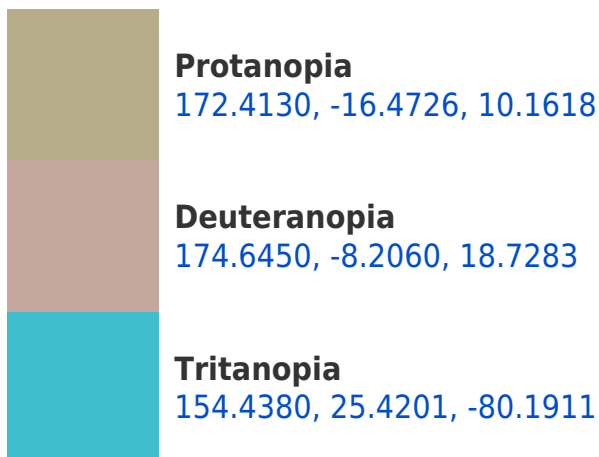


This preview shows how white text looks on a background with the YUV color 133.4400, 8.6571,

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



Trichromacy



Protanomaly

158.1190, -7.4537, -36.0614

Deuteranomaly

159.5310, -2.2338, -30.2837

Tritanomaly

147.0420, 19.2063, -93.8758

Monochromacy



Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.5340, 3.1877, -42.5643

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.4400, 8.6571, -117.0269 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(0, 198, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 198, 151)  
}
```

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(0, 198, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 198, 151) }
```

Border

The CSS property to change the border of an element to YUV 133.4400, 8.6571, -117.0269 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(0, 198, 151) }
```

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

```
.border{ border-color:rgb(0, 198, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 198, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 198, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 198, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 198,  
151) }
```


Background

The CSS property to change the background color of an element to YUV 133.4400, 8.6571, -117.0269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 198, 151) }
```

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

```
.background{ background-color: rgb(0, 198,  
151) }
```

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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