

Converting Colors

YUV(135.3200, -9.5248,
-118.6756)

Have a look what the booklet for
YUV(135.3200, -9.5248, -118.6756)
contains.

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Color

**YUV(135.3200, -9.5248,
-118.6756)**

Conversions

Conversions Part 1

Format	Color
Hex	00D074
RGB	0, 208, 116
RGB Percent	0%, 82%, 45%
CMY	1.0000, 0.1843, 0.5451
CMYK	1.00, 0.00, 0.44, 0.18
HSL	153°, 100%, 41%
HSV	153°, 100%, 82%
XYZ	25.7083, 46.3727, 24.1189
YIQ	135.3200, -94.4360, -72.7080

Conversions

Conversions Part 2

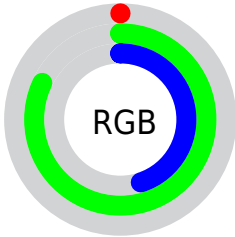
Format	Color
RYB	0, 134, 208
Decimal	53364
CIELab	73.79, -63.66, 33.79
CIELCh	74, 72.069, 152.038
Yxy	46.3727, 0.2672, 0.4820
Android (android.graphics.Color)	4278243444 (0xFF00D074)
YUV	135.3200, -9.5248, -118.6756
Hunter-Lab	68.0975, -51.7831, 26.6688

Details

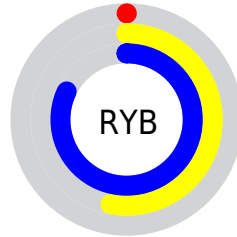
The YUV color **135.3200, -9.5248, -118.6756** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **72.6800, 9.5248, 118.6756**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.7480, -15.1588, -84.8480**, and **96.7480, -15.1588, -84.8480** is the 20% darker color. If you saturate the color by 10%, you get **135.3200, -9.5248, -118.6756**, and if you desaturate by 10%, it is **142.6250, -8.6891, -106.6651**.

Distribution



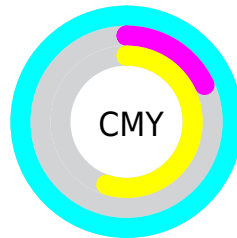
- Red (0%)
- Green (82%)
- Blue (45%)



- Red (0%)
- Yellow (53%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.3200, -9.5248, -118.6756 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 135.3200, -9.5248, -118.6756 by changing the saturation by 10% instead.

135.3200, -9.5248,
-118.6756

135.3200, -9.5248,
-118.6756

255.0000, 0.0000,
0.0000

116.0340,
-12.3418, -101.7618

199.7480,
-15.1588, -84.8480

96.7480, -15.1588,
-84.8480

212.5080, -7.6454,
-67.9745

78.1630, -17.8284,
-68.5490

225.2680, -0.1321,
-51.1010

60.0510, -21.2241,
-52.6647

237.8430, 7.9654,
-34.9423

42.8510, -21.1255,
-37.5803

247.2260, 3.8326,
-15.9842

29.3500, -14.4695,
-25.7399

12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 135.3200, -9.5248,
-118.6756

■ 142.6250, -8.6891,
-106.6651

■ 149.9300, -7.8535,
-94.6546

■ 157.0500, -6.4336,
-83.3588

■ 164.3550, -5.5980,
-71.3483

■ 171.6600, -4.7624,
-59.3378

■ 178.9650, -3.9267,
-47.3273

■ 186.2700, -3.0911,
-35.3168

■ 193.3900, -1.6713,
-24.0210

■ 200.6950, -0.8356,
-12.0105

Harmonies

Analogous

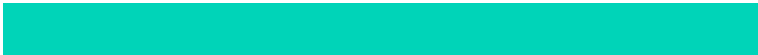
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165.8940, -53.1917, -19.2010



135.3200, -9.5248, -118.6756



145.4200, 19.0199, -127.5333

Triad

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



135.3200, -9.5248, -118.6756



139.4260, 56.9780, -122.2766



164.4910, -24.3991, 79.3764

Complementary

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



135.3200, -9.5248, -118.6756



72.6800, 9.5248, 118.6756

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.



165.4440, 7.1761, 78.5406



135.3200, -9.5248, -118.6756



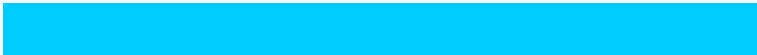
180.0770, 36.9370, 6.0715

Square

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



135.3200, -9.5248, -118.6756



148.8180, 52.3477, -130.5134



182.2460, 30.9377, 63.8053



173.4830, -55.9471, 71.4904

Rectangle

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



135.3200, -9.5248, -118.6756



151.1370, 38.3865, -132.5471



182.2460, 30.9377, 63.8053



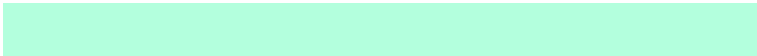
163.3630, -13.4900, 80.3656

Sweetspot

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



135.3200, -9.5248, -118.6756



228.4000, -3.6482, -43.3238



150.2020, -74.0496, -49.2892



111.8520, -2.3920, -26.1802



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.



135.3200, -9.5248, -118.6756



165.8730, -11.7694, -145.4706



139.9380, 33.5546, -122.7256



101.1410, -0.5625, -6.2627



109.3320, -7.5587, -95.8842



26.6890, -1.8187, -23.4063

Inverse Universe

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



72.6800, 9.5248, 118.6756



89.1270, 11.7694, 145.4706



68.0620, -33.5546, 122.7256



97.8590, 0.5625, 6.2627



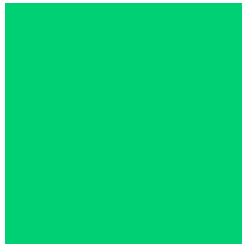
58.6680, 7.5587, 95.8842



14.3110, 1.8187, 23.4063

Previews

White Background



This preview shows how the YUV color 135.3200, -9.5248, -118.6756 looks on a white background.

Color Contrast Check

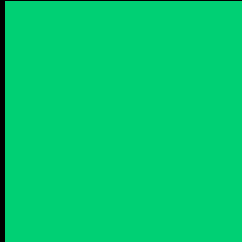
Large Text (above 18pt) WCAG AA × Fail

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 135.3200, -9.5248, -118.6756 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 135.3200, -9.5248, -118.6756 Background



This preview shows how black text looks on a background with the YUV color 135.3200, -9.5248, -118.6756.



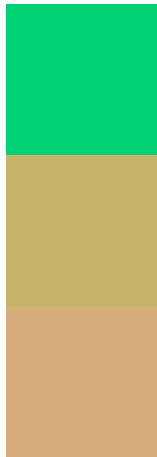
This preview shows how white text looks on a background with the YUV color 135.3200, -9.5248, -118.6756.

-118.6756.

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

135.3200, -9.5248, -118.6756

Protanopia

176.5330, -35.2658, 17.9496

Deuteranopia

179.2000, -26.7206, 30.5196



Tritanopia

162.9440, 24.6776, -75.3729

Trichromacy



Original Color

135.3200, -9.5248, -118.6756



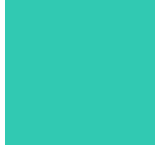
Protanomaly

161.3310, -25.7992, -31.8623



Deuteranomaly

163.1670, -20.2953, -23.8255



Tritanomaly

152.9300, 12.3595, -91.1466

Monochromacy



Original Color

135.3200, -9.5248, -118.6756



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.4000, -3.6482, -43.3238

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.3200, -9.5248, -118.6756 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, 208, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 208, 116)  
}
```

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, 208, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 208, 116) }
```

Border

The CSS property to change the border of an element to YUV 135.3200, -9.5248, -118.6756 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, 208, 116) }
```


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

```
.border{ border-color:rgb(0, 208, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 208, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 208, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 208, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 208,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 135.3200, -9.5248, -118.6756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 208, 116) }
```

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

```
.background{ background-color: rgb(0, 208,  
116) }
```

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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