

Converting Colors

YUV(135.0240, -0.5048,
-118.4160)

Have a look what the booklet for
YUV(135.0240, -0.5048, -118.4160)
contains.

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Color

**YUV(135.0240, -0.5048,
-118.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC86
RGB	0, 204, 134
RGB Percent	0%, 80%, 53%
CMY	1.0000, 0.2000, 0.4745
CMYK	1.00, 0.00, 0.34, 0.20
HSL	159°, 100%, 40%
HSV	159°, 100%, 80%
XYZ	25.8959, 44.9070, 29.8573
YIQ	135.0240, -99.1140, -65.0180

Conversions

Conversions Part 2

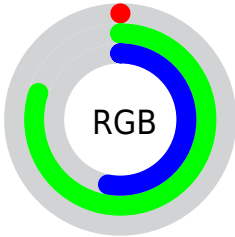
Format	Color
RYB	0, 123, 204
Decimal	52358
CIELab	72.83, -58.75, 23.22
CIELCh	73, 63.172, 158.433
Yxy	44.9070, 0.2573, 0.4461
Android (android.graphics.Color)	4278242438 (0xFF00CC86)
YUV	135.0240, -0.5048, -118.4160
Hunter-Lab	67.0127, -48.2938, 20.4924

Details

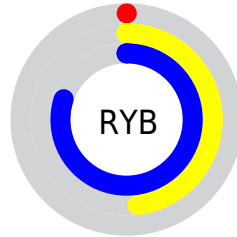
The YUV color **135.0240, -0.5048, -118.4160** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **68.9760, 0.5048, 118.4160**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.6150, -6.7122, -87.3624**, and **96.4520, -6.1388, -84.5884** is the 20% darker color. If you saturate the color by 10%, you get **135.0240, -0.5048, -118.4160**, and if you desaturate by 10%, it is **141.8020, -0.3954, -106.8204**.

Distribution



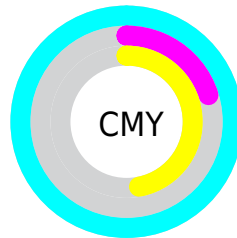
- Red (0%)
- Green (80%)
- Blue (53%)



- Red (0%)
- Yellow (48%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.0240, -0.5048, -118.4160 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 135.0240, -0.5048, -118.4160 by changing the saturation by 10% instead.

■ 135.0240, -0.5048,
-118.4160

■ 135.0240, -0.5048,
-118.4160

■ 255.0000, 0.0000,
0.0000

■ 115.6240, -3.7586,
-101.4022

■ 201.6150, -6.7122,
-87.3624

■ 96.4520, -6.1388,
-84.5884

■ 214.2610, 0.3643,
-70.3889

■ 78.4540, -9.0978,
-68.8042

■ 226.8360, 8.4619,
-54.2302

■ 59.9830, -11.3306,
-52.6051

■ 237.3590, 8.6970,
-36.2718

■ 42.8000, -13.7054,
-37.5356

■ 246.6280, 4.1274,
-17.2138

■ 27.5890, -13.6014,
-24.1956

■ 10.5660, -5.2090,

-9.2664

■ 0.0000, 0.0000,
0.0000

■ 135.0240, -0.5048,
-118.4160

■ 141.8020, -0.3954,
-106.8204

■ 148.8790, -0.4333,
-94.6099

■ 155.6570, -0.3239,
-83.0142

■ 162.7340, -0.3619,
-70.8037

■ 169.5120, -0.2524,
-59.2080

■ 176.2900, -0.1430,
-47.6123

■ 183.3670, -0.1809,
-35.4019

■ 190.1450, -0.0715,
-23.8062

■ 197.2220, -0.1094,
-11.5957

Harmonies

Analogous

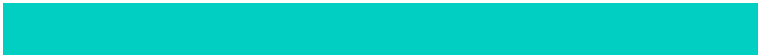
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.2810, -40.0715, -27.4334



135.0240, -0.5048, -118.4160



143.6250, 24.8349, -125.9591

Triad

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



135.0240, -0.5048, -118.4160



163.1350, 45.2894, -59.7544



169.7910, -29.4770, 74.7283

Complementary

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



135.0240, -0.5048, -118.4160



68.9760, 0.5048, 118.4160

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.



169.0170, -1.9804, 75.4071



135.0240, -0.5048, -118.4160



181.9260, 36.0255, 18.4819

Square

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



135.0240, -0.5048, -118.4160



144.1220, 54.6629, -126.3950



180.3250, 21.0388, 65.4900



174.6280, -52.5676, 60.8392

Rectangle

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



135.0240, -0.5048, -118.4160



147.3700, 41.7226, -129.2435



180.3250, 21.0388, 65.4900



168.2070, -20.3151, 76.1175

Sweetspot

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



135.0240, -0.5048, -118.4160



229.3120, -0.1538, -44.1236



140.9770, -69.5017, -61.3698



112.4220, -0.2080, -26.6801



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.



135.0240, -0.5048, -118.4160



168.7230, -0.8494, -147.9701



124.8070, 39.0421, -109.4557



98.6680, 0.1637, -5.8478



109.8680, -0.4279, -96.3542



25.1560, -0.0769, -22.0618

Inverse Universe

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



68.9760, 0.5048, 118.4160



86.2770, 0.8494, 147.9701



79.1930, -39.0421, 109.4557



95.3320, -0.1637, 5.8478



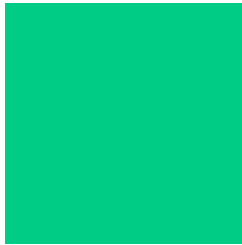
56.1320, 0.4279, 96.3542



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 135.0240, -0.5048, -118.4160 looks on a white background.

Color Contrast Check

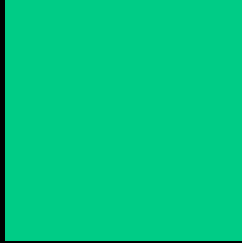
Large Text (above 18pt) WCAG AA × Fail

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 135.0240, -0.5048, -118.4160 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 135.0240, -0.5048, -118.4160 Background



This preview shows how black text looks on a background with the YUV color 135.0240, -0.5048, -118.4160.

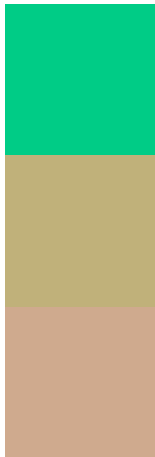


This preview shows how white text looks on a background with the YUV color 135.0240, -0.5048,

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

135.0240, -0.5048, -118.4160

Protanopia

175.2150, -26.2350, 14.7204

Deuteranopia

177.8710, -17.6844, 25.5461



Tritanopia

159.6340, 24.8304, -77.7320

Trichromacy



Original Color

135.0240, -0.5048, -118.4160



Protanomaly

160.6110, -17.0632, -33.8618



Deuteranomaly

162.1480, -11.4120, -26.4398



Tritanomaly

150.4290, 15.5645, -92.4612

Monochromacy



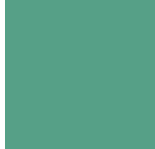
Original Color

135.0240, -0.5048, -118.4160



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.0240, -0.0118, -42.9940

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.0240, -0.5048, -118.4160 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, 204, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 134)  
}
```

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, 204, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 134) }
```

Border

The CSS property to change the border of an element to YUV 135.0240, -0.5048, -118.4160 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, 204, 134) }
```


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

```
.border{ border-color:rgb(0, 204, 134) }
```

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

Here you see how a box with a 4 pixel rgb(0, 204, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 135.0240, -0.5048, -118.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 134) }
```

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

```
.background{ background-color: rgb(0, 204,  
134) }
```

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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