

# Converting Colors

YUV(136.8480, 6.4839,  
-120.0157)

Have a look what the booklet for  
YUV(136.8480, 6.4839, -120.0157)  
contains.

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# Color

**YUV(136.8480, 6.4839,  
-120.0157)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CC96
RGB	0, 204, 150
RGB Percent	0%, 80%, 59%
CMY	1.0000, 0.2000, 0.4118
CMYK	1.00, 0.00, 0.26, 0.20
HSL	164°, 100%, 40%
HSV	164°, 100%, 80%
XYZ	27.0979, 45.3877, 36.1867
YIQ	136.8480, -104.2500, -60.0420

# Conversions

## Conversions Part 2

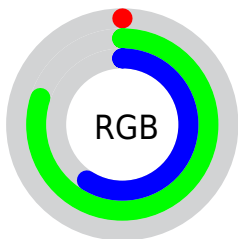
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 118, 204
Decimal	52374
CIELab	73.15, -55.17, 15.17
CIELCh	73, 57.218, 164.630
Yxy	45.3877, 0.2494, 0.4177
Android (android.graphics.Color)	4278242454 (0xFF00CC96)
YUV	136.8480, 6.4839, -120.0157
Hunter-Lab	67.3704, -46.1016, 15.3129

# Details

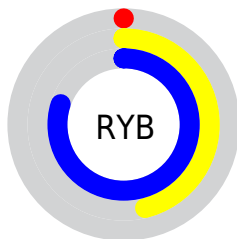
The YUV color **136.8480, 6.4839, -120.0157** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **67.1520, -6.4839, 120.0157**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.4390, 0.2766, -88.9620**, and **98.1620, 0.4131, -86.0881** is the 20% darker color. If you saturate the color by 10%, you get **136.8480, 6.4839, -120.0157**, and if you desaturate by 10%, it is **143.3980, 5.7198, -108.2200**.

# Distribution



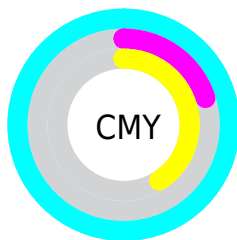
- Red (0%)
- Green (80%)
- Blue (59%)



- Red (0%)
- Yellow (46%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 136.8480, 6.4839, -120.0157 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 136.8480, 6.4839, -120.0157 by changing the saturation by 10% instead.



136.8480, 6.4839,  
-120.0157

136.8480, 6.4839,  
-120.0157

255.0000, 0.0000,  
0.0000

117.4480, 3.2301,  
-103.0019

203.4390, 0.2766,  
-88.9620

98.1620, 0.4131,  
-86.0881

216.1990, 7.7899,  
-72.0885

80.1640, -2.5459,  
-70.3038

228.3890, 13.1192,  
-54.7152

62.2800, -5.0680,  
-54.6196

237.6580, 8.5496,  
-35.6571

44.6240, -6.7166,  
-39.1352

246.9270, 3.9800,  
-16.5990

29.0880, -10.3964,  
-25.5102

11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,  
0.0000

■ 136.8480, 6.4839,  
-120.0157

■ 143.3980, 5.7198,  
-108.2200

■ 150.3610, 5.2450,  
-95.9096

■ 156.9110, 4.4809,  
-84.1139

■ 163.8740, 4.0061,  
-71.8035

■ 170.4240, 3.2420,  
-60.0078

■ 176.9740, 2.4778,  
-48.2122

■ 183.9370, 2.0031,  
-35.9017

■ 190.4870, 1.2389,  
-24.1061

■ 197.4500, 0.7642,  
-11.7956

# Harmonies

## Analogous

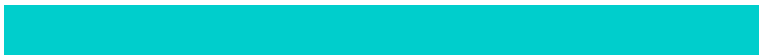
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.9410, -31.0299, -34.1513



136.8480, 6.4839, -120.0157



144.1780, 29.4922, -126.4441

# Triad

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



136.8480, 6.4839, -120.0157



172.7470, 40.5507, -33.1041



175.4330, -33.2445, 69.7803

# Complementary

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



136.8480, 6.4839, -120.0157



67.1520, -6.4839, 120.0157

# 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.



173.2740, -8.5161, 71.6737



136.8480, 6.4839, -120.0157



184.6390, 34.6880, 27.5036

# Square

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



136.8480, 6.4839, -120.0157



142.3610, 55.5310, -124.8506



181.0770, 13.7660, 64.8305



176.0610, -49.3301, 49.0585



# Rectangle

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



136.8480, 6.4839, -120.0157



146.8800, 44.9222, -128.8138



181.0770, 13.7660, 64.8305



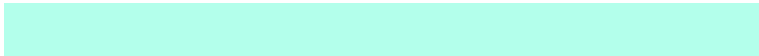
173.6210, -24.9562, 71.3694

# Sweetspot

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



136.8480, 6.4839, -120.0157



229.9960, 2.4670, -44.7235



135.8940, -66.9957, -71.8210



112.7640, 1.1023, -26.9800



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.



136.8480, 6.4839, -120.0157



171.1170, 8.3233, -150.0696



114.8280, 43.9618, -100.7042



98.6680, 0.1637, -5.8478



111.3500, 5.2505, -97.6539



25.4980, 1.2335, -22.3617



# Inverse Universe

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



67.1520, -6.4839, 120.0157



83.8830, -8.3233, 150.0696



89.1720, -43.9618, 100.7042



95.3320, -0.1637, 5.8478



54.6500, -5.2504, 97.6539



12.5020, -1.2335, 22.3617



# Previews

## White Background



This preview shows how the YUV color 136.8480, 6.4839, -120.0157 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 136.8480, 6.4839, -120.0157 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

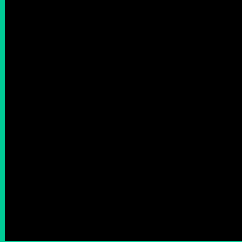
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

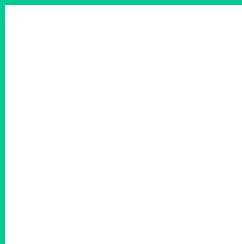
Any Text WCAG AAA ✓ Pass

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

# YUV 136.8480, 6.4839, -120.0157 Background



This preview shows how black text looks on a background with the YUV color 136.8480, 6.4839, -120.0157.



This preview shows how white text looks on a background with the YUV color 136.8480, 6.4839, -120.0157.



# 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



### Protanopia

177.0280, -19.2408, 11.3764

### Deuteranopia

179.5590, -11.1216, 20.5578

### Tritanopia

158.9540, 26.1517, -81.5207

# Trichromacy



## Protanomaly

162.1360, -9.9270, -36.0763

## Deuteranomaly

164.1350, -4.9966, -30.8134

## Tritanomaly

150.9170, 18.7749, -95.5202

# Monochromacy



## Achromatopsia

137.0000, 0.0000, 0.0000

## Achromatomaly

136.7080, 2.6090, -43.5939

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.8480, 6.4839, -120.0157 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 150) }
```

## Border

The CSS property to change the border of an element to YUV 136.8480, 6.4839, -120.0157 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, 150) }
```

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

```
.border{ border-color:rgb(0, 204, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
150) }
```



# Background

The CSS property to change the background color of an element to YUV 136.8480, 6.4839, -120.0157 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, 150) }
```

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

```
.background{ background-color: rgb(0, 204,  
150) }
```

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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