

# Converting Colors

YUV(127.8350, -0.4117,  
-101.5873)

Have a look what the booklet for  
YUV(127.8350, -0.4117, -101.5873)  
contains.

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# Color

**YUV(127.8350, -0.4117,  
-101.5873)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0CBB7F
RGB	12, 187, 127
RGB Percent	5%, 73%, 50%
CMY	0.9529, 0.2667, 0.5020
CMYK	0.94, 0.00, 0.32, 0.27
HSL	159°, 88%, 39%
HSV	159°, 94%, 73%
XYZ	21.7527, 37.1511, 26.1031
YIQ	127.8350, -85.0400, -55.7600

# Conversions

## Conversions Part 2

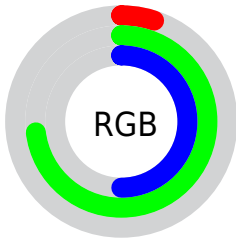
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 118, 187
Decimal	834431
CIELab	67.39, -53.60, 19.53
CIElCh	67, 57.048, 159.977
Yxy	37.1511, 0.2559, 0.4370
Android (android.graphics.Color)	4279024511 (0xFF0CBB7F)
YUV	127.8350, -0.4117, -101.5873
Hunter-Lab	60.9517, -42.9617, 17.2748

# Details

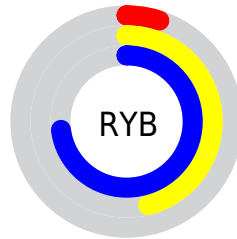
The YUV color **127.8350, -0.4117, -101.5873** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **71.1650, 0.4117, 101.5873**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3490, -6.5811, -82.7441**, and **86.3760, -4.1294, -75.7518** is the 20% darker color. If you saturate the color by 10%, you get **123.7910, -0.3900, -108.5647**, and if you desaturate by 10%, it is **134.2000, -0.5916, -90.5064**.

# Distribution



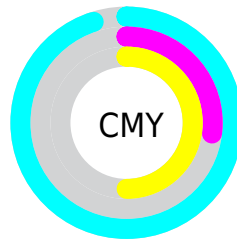
- Red (5%)
- Green (73%)
- Blue (50%)



- Red (5%)
- Yellow (46%)
- Blue (73%)



- Cyan (94%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)



- Cyan (95%)
- Magenta (27%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.8350, -0.4117, -101.5873 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 127.8350, -0.4117, -101.5873 by changing the saturation by 10% instead.




 127.8350, -0.4117,  
-101.5873

 127.8350, -0.4117,  
-101.5873


255.0000, 0.0000,  
0.0000

 104.9610, -1.4598,  
-92.0508


 193.3490, -6.5811,  
-82.7441

 86.3760, -4.1294,  
-75.7518


 212.2670, -2.1036,  
-72.1482


 68.3780, -7.0884,  
-59.9675


 224.7280, 5.5571,  
-55.8895

 51.1950, -9.4631,  
-44.8980

 235.8640, 9.4340,  
-39.3457

 34.0120, -11.8379,  
-29.8285

 245.1330, 4.8644,  
-20.2876

 19.3710, -9.5499,  
-16.9884

 254.1030, 0.4422,

 0.0000, 0.0000,

-1.8443

0.0000

■ 127.8350, -0.4117,  
-101.5873

■ 127.8350, -0.4117,  
-101.5873

■ 123.7910, -0.3900,  
-108.5647

■ 134.2000, -0.5916,  
-90.5064

■ 140.3800, -0.1873,  
-80.1403

■ 146.7450, -0.3673,  
-69.0594

■ 153.2240, -0.1104,  
-58.0784

■ 159.2900, -0.1430,  
-47.6123

■ 165.6550, -0.3229,  
-36.5314

■ 172.1340, -0.0661,  
-25.5505

■ 178.4990, -0.2460,  
-14.4696

■ 184.6790, 0.1583,  
-4.1035

# Harmonies

## Analogous

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



151.0730, -34.5460, -26.3740



127.8350, -0.4117, -101.5873



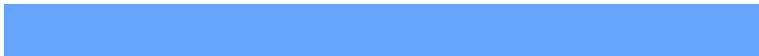
132.0500, 23.6394, -115.8078

# Triad

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



127.8350, -0.4117, -101.5873



155.2380, 49.1827, -48.4437



161.9870, -30.0666, 77.1874

# Complementary

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



127.8350, -0.4117, -101.5873



71.1650, 0.4117, 101.5873

# 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.



162.4970, -6.6540, 81.1251



127.8350, -0.4117, -101.5873



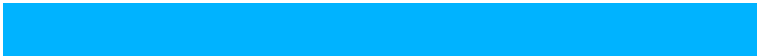
168.4530, 36.7517, 18.8967

# Square

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



127.8350, -0.4117, -101.5873



134.1430, 59.5825, -117.6434



167.3480, 16.0974, 63.7158



160.9520, -47.3043, 52.6621



# Rectangle

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



127.8350, -0.4117, -101.5873



135.3390, 38.7799, -118.6923



167.3480, 16.0974, 63.7158



162.2570, -22.8047, 81.3356

# Sweetspot

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



127.8350, -0.4117, -101.5873



219.0460, -0.0227, -39.5053



132.9640, -59.6353, -52.5884



108.1450, -0.0715, -23.8062



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



127.8350, -0.4117, -101.5873



160.1800, -0.5817, -140.4779



119.4130, 33.3204, -94.2012



90.9670, 0.0163, -5.2331



104.6020, -0.2968, -91.7360



20.4770, -0.2352, -17.9583



# Inverse Universe

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



71.1650, 0.4117, 101.5873



81.8200, 0.5817, 140.4779



79.5870, -33.3204, 94.2012



88.0330, -0.0163, 5.2331



53.3980, 0.2968, 91.7360

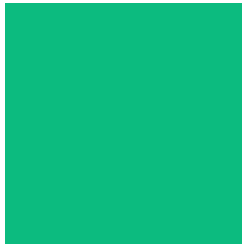


10.4090, -0.2016, 18.0583



# Previews

## White Background



This preview shows how the YUV color 127.8350, -0.4117, -101.5873 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 127.8350, -0.4117, -101.5873 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

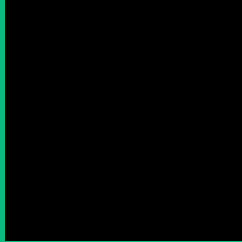
Any Text WCAG AA ✓ Pass

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 127.8350, -0.4117, -101.5873 Background



This preview shows how black text looks on a background with the YUV color 127.8350, -0.4117, -101.5873.



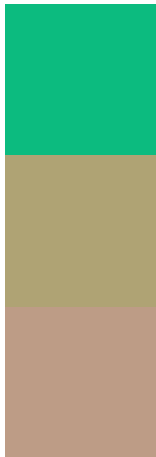
This preview shows how white text looks on a background with the YUV color 127.8350, -0.4117, -101.5873.



# 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

127.8350, -0.4117, -101.5873

### Protanopia

161.2300, -22.2984, 12.0763

### Deuteranopia

163.3590, -14.4740, 22.4872



## Tritanopia

146.5100, 22.9196, -71.4843

# Trichromacy



## Original Color

127.8350, -0.4117, -101.5873



## Protanomaly

149.3280, -14.4587, -29.2287



## Deuteranomaly

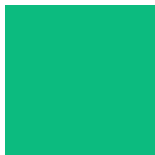
150.3380, -9.5336, -22.2214



## Tritanomaly

139.8540, 14.3690, -82.3100

# Monochromacy



## Original Color

127.8350, -0.4117, -101.5873



## Achromatopsia

128.0000, 0.0000, 0.0000



## Achromatomaly

127.7690, 0.1139, -36.6314

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.8350, -0.4117, -101.5873 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(12, 187, 127)` looks like.

```
.text, #text, p{  
    color:rgb(12, 187, 127)  
}
```

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(12, 187, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 187, 127) }
```

## Border

The CSS property to change the border of an element to YUV 127.8350, -0.4117, -101.5873 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(12, 187, 127) }
```



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

```
.border{ border-color:rgb(12, 187, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 187, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 187, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 187, 127);  
box-shadow:4px 4px 4px 4px rgb(12, 187,  
127) }
```

# Background

The CSS property to change the background color of an element to YUV 127.8350, -0.4117, -101.5873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 187, 127) }
```

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

```
.background{ background-color: rgb(12, 187,  
127) }
```

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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