

# Converting Colors

YUV(130.0830, 3.4101,  
-114.0828)

Have a look what the booklet for  
YUV(130.0830, 3.4101, -114.0828)  
contains.

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# Color

**YUV(130.0830, 3.4101,  
-114.0828)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C389
RGB	0, 195, 137
RGB Percent	0%, 76%, 54%
CMY	1.0000, 0.2353, 0.4627
CMYK	1.00, 0.00, 0.30, 0.24
HSL	162°, 100%, 38%
HSV	162°, 100%, 76%
XYZ	24.0305, 40.8364, 30.2826
YIQ	130.0830, -97.6020, -59.3780

# Conversions

## Conversions Part 2

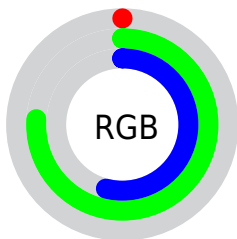
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 115, 195
Decimal	50057
CIELab	70.06, -54.79, 17.83
CIELCh	70, 57.619, 161.972
Yxy	40.8364, 0.2526, 0.4292
Android (android.graphics.Color)	4278240137 (0xFF00C389)
YUV	130.0830, 3.4101, -114.0828
Hunter-Lab	63.9033, -44.7070, 16.6359

# Details

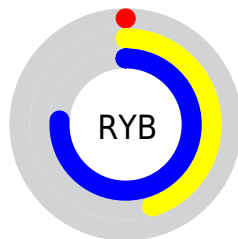
The YUV color **130.0830, 3.4101, -114.0828** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **64.9170, -3.4101, 114.0828**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8860, -4.3808, -88.4770**, and **92.0980, -2.5133, -80.7699** is the 20% darker color. If you saturate the color by 10%, you get **130.0830, 3.4101, -114.0828**, and if you desaturate by 10%, it is **136.4480, 3.2301, -103.0019**.

# Distribution



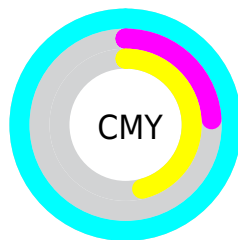
- Red (0%)
- Green (76%)
- Blue (54%)



- Red (0%)
- Yellow (45%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 130.0830, 3.4101, -114.0828 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 130.0830, 3.4101, -114.0828 by changing the saturation by 10% instead.




 130.0830, 3.4101,  
-114.0828


 130.0830, 3.4101,  
-114.0828


255.0000, 0.0000,  
0.0000


 110.6830, 0.1563,  
-97.0690


 199.8860, -4.3808,  
-88.4770

 92.0980, -2.5133,  
-80.7699


 213.7060, 2.1169,  
-72.5332


 73.5130, -5.1829,  
-64.4709


 226.2810, 10.2145,  
-56.3744

 56.3300, -7.5577,  
-49.4014

 236.4620, 9.1392,  
-38.1162

 39.2610, -9.4957,  
-34.4319

 245.4320, 4.7170,  
-19.6729

 23.4800, -11.5756,  
-20.5920

254.7010, 0.1474,

 0.0000, 0.0000,

-0.6148

0.0000

■ 130.0830, 3.4101,  
-114.0828

■ 136.4480, 3.2301,  
-103.0019

■ 143.1120, 2.9028,  
-91.3062

■ 149.6620, 2.1386,  
-79.5106

■ 156.0270, 1.9587,  
-68.4297

■ 162.6910, 1.6313,  
-56.7340

■ 169.0560, 1.4514,  
-45.6531

■ 175.4210, 1.2714,  
-34.5722

■ 181.9710, 0.5073,  
-22.7766

■ 188.6350, 0.1799,  
-11.0809

# Harmonies

## Analogous

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



157.3930, -33.2247, -30.1627



130.0830, 3.4101, -114.0828



137.4130, 26.4184, -120.5112

# Triad

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



130.0830, 3.4101, -114.0828



163.5440, 45.0878, -41.6961



168.5200, -31.8084, 75.8430

# Complementary

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



130.0830, 3.4101, -114.0828



64.9170, -3.4101, 114.0828

# 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.



166.9480, -7.3694, 77.2216



130.0830, 3.4101, -114.0828



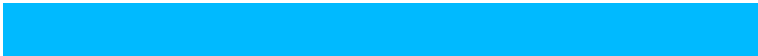
176.3610, 36.3040, 22.4854

# Square

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



130.0830, 3.4101, -114.0828



138.2520, 57.5568, -121.2470



174.7290, 14.9236, 66.8897



167.8980, -48.7567, 51.8325



# Rectangle

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



130.0830, 3.4101, -114.0828



140.7020, 41.5589, -123.3957



174.7290, 14.9236, 66.8897



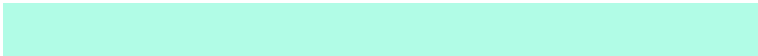
167.2950, -23.8094, 76.9173

# Sweetspot

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



130.0830, 3.4101, -114.0828



227.0670, 1.4460, -43.9088



132.1060, -65.1283, -64.1140



112.6500, 0.6656, -26.8800



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.



130.0830, 3.4101, -114.0828



168.1020, 4.3867, -147.4255



113.8020, 40.0306, -99.8044



93.6680, 0.1637, -5.8478



107.3890, 2.7662, -94.1802



21.9930, 0.4965, -19.2879



# Inverse Universe

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



64.9170, -3.4101, 114.0828



83.8980, -4.3867, 147.4255



81.1980, -40.0306, 99.8044



90.3320, -0.1637, 5.8478



53.6110, -2.7662, 94.1802

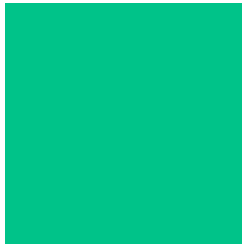


11.0070, -0.4965, 19.2879



# Previews

## White Background



This preview shows how the YUV color 130.0830, 3.4101, -114.0828 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 130.0830, 3.4101, -114.0828 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 130.0830, 3.4101, -114.0828

## Background



This preview shows how black text looks on a background with the YUV color 130.0830, 3.4101, -114.0828.



This preview shows how white text looks on a background with the YUV color 130.0830, 3.4101, -114.0828.



# 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

168.5720, -20.9880, 11.7764

### Deuteranopia

170.7010, -13.1636, 22.1872

### Tritanopia

152.2320, 24.5356, -76.5025

# Trichromacy



## Protanomaly

154.5770, -12.1165, -33.8320

## Deuteranomaly

156.1740, -7.4808, -27.3396

## Tritanomaly

144.0810, 16.7221, -90.4020

# Monochromacy



## Achromatopsia

130.0000, 0.0000, 0.0000

## Achromatomaly

130.3770, 1.2931, -41.5496

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 130.0830, 3.4101, -114.0828 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, 195, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 195, 137)  
}
```

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, 195, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 195, 137) }
```

## Border

The CSS property to change the border of an element to YUV 130.0830, 3.4101, -114.0828 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, 195, 137) }
```

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

```
.border{ border-color:rgb(0, 195, 137) }
```

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

Here you see how a box with a 4 pixel rgb(0, 195, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 195, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 195, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 195,  
137) }
```



# Background

The CSS property to change the background color of an element to YUV 130.0830, 3.4101, -114.0828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 195, 137) }
```

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

```
.background{ background-color: rgb(0, 195,  
137) }
```

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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