

Converting Colors

YUV(122.0810, -6.9419,
-107.0650)

Have a look what the booklet for
YUV(122.0810, -6.9419, -107.0650)
contains.

YUV(122.0810, -6.9419, -107.0650)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(122.0810, -6.9419,
-107.0650)**

Conversions

Conversions Part 1

Format	Color
Hex	00BB6C
RGB	0, 187, 108
RGB Percent	0%, 73%, 42%
CMY	1.0000, 0.2667, 0.5765
CMYK	1.00, 0.00, 0.42, 0.27
HSL	155°, 100%, 37%
HSV	155°, 100%, 73%
XYZ	20.4771, 36.6234, 20.1771
YIQ	122.0810, -86.0930, -64.2130

Conversions

Conversions Part 2

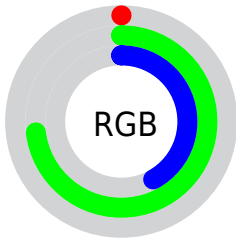
Format	Color
RYB	0, 119, 187
Decimal	47980
CIELab	66.99, -57.99, 29.07
CIELCh	67, 64.867, 153.377
Yxy	36.6234, 0.2650, 0.4739
Android (android.graphics.Color)	4278238060 (0xFF00BB6C)
YUV	122.0810, -6.9419, -107.0650
Hunter-Lab	60.5172, -45.5065, 22.5941

Details

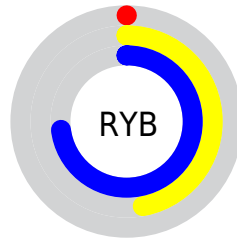
The YUV color **122.0810, -6.9419, -107.0650** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **64.9190, 6.9419, 107.0650**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4710, -15.0222, -81.9741**, and **84.2100, -12.4285, -73.8522** is the 20% darker color. If you saturate the color by 10%, you get **122.0810, -6.9419, -107.0650**, and if you desaturate by 10%, it is **128.6740, -6.2483, -96.1841**.

Distribution



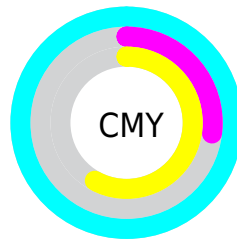
- Red (0%)
- Green (73%)
- Blue (42%)



- Red (0%)
- Yellow (47%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.0810, -6.9419, -107.0650 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 122.0810, -6.9419, -107.0650 by changing the saturation by 10% instead.

■ 122.0810, -6.9419,
-107.0650

■ 122.0810, -6.9419,
-107.0650

■ 255.0000, 0.0000,
0.0000

■ 102.7950, -9.7589,
-90.1512

■ 190.4710,
-15.0222, -81.9741

■ 84.2100, -12.4285,
-73.8522

■ 209.3890,
-10.5448, -71.3782

■ 66.3260, -14.9507,
-58.1679

■ 221.7360, -3.3208,
-55.0195

■ 48.3280, -17.9097,
-42.3837

■ 234.0120, 4.9241,
-39.4755

■ 32.8720, -16.2059,
-28.8287

■ 244.5350, 5.1592,
-21.5172

■ 18.7840, -9.2605,
-16.4736

■ 253.5050, 0.7370,

■ 0.0000, 0.0000,

-3.0739

0.0000

■ 122.0810, -6.9419,
-107.0650

■ 128.6740, -6.2483,
-96.1841

■ 134.9680, -5.4072,
-85.9179

■ 141.5610, -4.7136,
-75.0370

■ 148.1540, -4.0199,
-64.1561

■ 154.6330, -3.7631,
-53.1751

■ 160.9270, -2.9220,
-42.9090

■ 167.5200, -2.2284,
-32.0280

■ 174.1130, -1.5347,
-21.1471

■ 180.4070, -0.6937,
-10.8809

Harmonies

Analogous

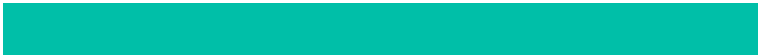
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



148.9570, -45.3348, -19.2563



122.0810, -6.9419, -107.0650



131.2690, 18.1084, -115.1229

Triad

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



122.0810, -6.9419, -107.0650



127.6860, 62.7658, -111.9806



156.5520, -26.8941, 86.3389

Complementary

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



122.0810, -6.9419, -107.0650



64.9190, 6.9419, 107.0650

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.



157.1800, 0.8973, 85.7881



122.0810, -6.9419, -107.0650



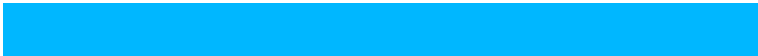
165.9120, 43.9204, 6.2162

Square

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



122.0810, -6.9419, -107.0650



136.4910, 58.4249, -119.7026



166.5250, 24.3912, 63.5606



158.4160, -50.9841, 66.2872

Rectangle

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



122.0810, -6.9419, -107.0650



135.8290, 35.5803, -119.1220



166.5250, 24.3912, 63.5606



155.6690, -17.5848, 87.1133

Sweetspot

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



122.0810, -6.9419, -107.0650



217.0520, -2.4906, -41.2646



133.9880, -66.0561, -46.4705



106.7920, -1.3765, -25.2506



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.



122.0810, -6.9419, -107.0650



158.0140, -8.8809, -138.5783



124.0430, 31.0378, -108.7857



90.8530, -0.4205, -5.1331



103.1200, -5.9752, -90.4362



20.2490, -1.1088, -17.7584

Inverse Universe

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



64.9190, 6.9419, 107.0650



83.9860, 8.8809, 138.5783



62.9570, -31.0378, 108.7857



88.1470, 0.4205, 5.1331



54.8800, 5.9752, 90.4362



10.7510, 1.1088, 17.7584

Previews

White Background



This preview shows how the YUV color 122.0810, -6.9419, -107.0650 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 122.0810, -6.9419, -107.0650 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 122.0810, -6.9419, -107.0650 Background



This preview shows how black text looks on a background with the YUV color 122.0810, -6.9419, -107.0650.



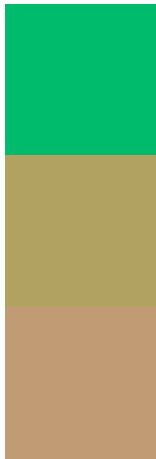
This preview shows how white text looks on a background with the YUV color 122.0810, -6.9419, -107.0650.

-107.0650.

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

122.0810, -6.9419, -107.0650

Protanopia

159.1890, -30.1662, 15.6202

Deuteranopia

161.6170, -22.4892, 26.6459



Tritanopia

146.4180, 22.4719, -67.8956

Trichromacy



Original Color

122.0810, -6.9419, -107.0650



Protanomaly

145.7920, -21.5895, -28.7586



Deuteranomaly

147.3890, -16.9538, -22.2662



Tritanomaly

137.7570, 11.4588, -82.2249

Monochromacy



Original Color

122.0810, -6.9419, -107.0650



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

122.3620, -2.6435, -38.9055

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.0810, -6.9419, -107.0650 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, 187, 108)` looks like.

```
.text, #text, p{  
    color:rgb(0, 187, 108)  
}
```

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, 187, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 187, 108) }
```

Border

The CSS property to change the border of an element to YUV 122.0810, -6.9419, -107.0650 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, 187, 108) }
```


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

```
.border{ border-color:rgb(0, 187, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 187, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 187, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 187, 108);  
box-shadow:4px 4px 4px 4px rgb(0, 187,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 122.0810, -6.9419, -107.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 187, 108) }
```

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

```
.background{ background-color: rgb(0, 187,  
108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor