

Converting Colors

YUV(122.4060, -3.1582,
-107.3501)

Have a look what the booklet for
YUV(122.4060, -3.1582, -107.3501)
contains.

YUV(122.4060, -3.1582, -107.3501)	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>	30

Color

**YUV(122.4060, -3.1582,
-107.3501)**

Conversions

Conversions Part 1

Format	Color
Hex	00BA74
RGB	0, 186, 116
RGB Percent	0%, 73%, 45%
CMY	1.0000, 0.2706, 0.5451
CMYK	1.00, 0.00, 0.38, 0.27
HSL	157°, 100%, 36%
HSV	157°, 100%, 73%
XYZ	20.7113, 36.3788, 22.4532
YIQ	122.4060, -88.3860, -61.2020

Conversions

Conversions Part 2

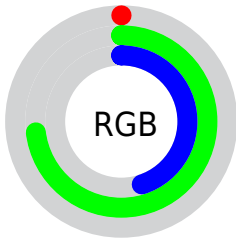
Format	Color
RYB	0, 115, 186
Decimal	47732
CIELab	66.81, -56.05, 24.61
CIELCh	67, 61.219, 156.293
Yxy	36.3788, 0.2604, 0.4573
Android (android.graphics.Color)	4278237812 (0xFF00BA74)
YUV	122.4060, -3.1582, -107.3501
Hunter-Lab	60.3148, -44.2564, 20.1487

Details

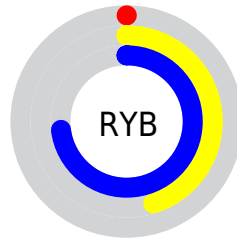
The YUV color **122.4060, -3.1582, -107.3501** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **63.5940, 3.1582, 107.3501**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6110, -10.6542, -82.9738**, and **84.5350, -8.6448, -74.1372** is the 20% darker color. If you saturate the color by 10%, you get **122.4060, -3.1582, -107.3501**, and if you desaturate by 10%, it is **128.8850, -2.9013, -96.3691**.

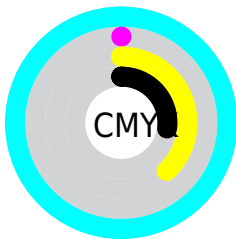
Distribution



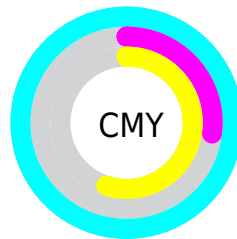
- Red (0%)
- Green (73%)
- Blue (45%)



- Red (0%)
- Yellow (45%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (27%)





- Cyan (100%)
- Magenta (27%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 122.4060, -3.1582, -107.3501 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 122.4060, -3.1582, -107.3501 by changing the saturation by 10% instead.


 122.4060, -3.1582,
-107.3501


 122.4060, -3.1582,
-107.3501


255.0000, 0.0000,
0.0000

 103.1200, -5.9752,
-90.4362


 190.6110,
-10.6542, -82.9738

 84.5350, -8.6448,
-74.1372


 210.3010, -7.0504,
-72.1780


 66.6510, -11.1669,
-58.4529


 222.4630, 0.7577,
-56.5341

 49.4680, -13.5417,
-43.3834

 235.0380, 8.8553,
-40.3753

 32.2850, -15.9165,
-28.3139

 244.2360, 5.3067,
-22.1320

 18.7840, -9.2605,
-16.4736

 253.5050, 0.7370,

 0.0000, 0.0000,

-3.0739

0.0000

■ 122.4060, -3.1582,
-107.3501

■ 128.8850, -2.9013,
-96.3691

■ 135.0650, -2.4970,
-86.0030

■ 141.5440, -2.2402,
-75.0221

■ 147.7240, -1.8359,
-64.6559

■ 154.2030, -1.5791,
-53.6750

■ 160.6820, -1.3222,
-42.6941

■ 166.8620, -0.9180,
-32.3280

■ 173.3410, -0.6611,
-21.3471

■ 179.5210, -0.2569,
-10.9809

Harmonies

Analogous

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



149.0150, -39.9404, -22.8152



122.4060, -3.1582, -107.3501



130.6650, 20.8712, -114.5932

Triad

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



122.4060, -3.1582, -107.3501



145.3600, 54.0525, -70.4757



159.2590, -29.2147, 83.9649

Complementary

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



122.4060, -3.1582, -107.3501



63.5940, 3.1582, 107.3501

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.



158.8440, -2.8811, 84.3288



122.4060, -3.1582, -107.3501



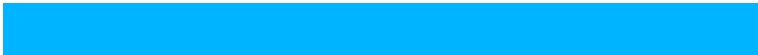
166.4890, 42.1569, 11.8491

Square

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



122.4060, -3.1582, -107.3501



134.7300, 59.2931, -118.1582



165.9010, 20.7548, 63.2308



159.1270, -49.3626, 59.5246

Rectangle

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



122.4060, -3.1582, -107.3501



134.8830, 37.0327, -118.2924



165.9010, 20.7548, 63.2308



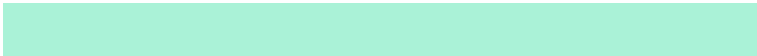
158.2620, -20.3422, 84.8392

Sweetspot

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



122.4060, -3.1582, -107.3501



217.3940, -1.1802, -41.5645



130.4110, -64.2926, -52.1034



107.0200, -0.5029, -25.4505



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.



122.4060, -3.1582, -107.3501



159.2680, -4.0761, -139.6780



117.4720, 33.7843, -103.0229



88.8530, -0.4205, -5.1331



102.6300, -2.7756, -90.0065



18.3740, -0.6774, -16.1140

Inverse Universe

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



63.5940, 3.1582, 107.3501



82.7320, 4.0761, 139.6780



68.5280, -33.7843, 103.0229



86.0330, -0.0163, 5.2331



53.3700, 2.7756, 90.0065



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 122.4060, -3.1582, -107.3501 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 122.4060, -3.1582, -107.3501 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 122.4060, -3.1582, -107.3501 Background



This preview shows how black text looks on a background with the YUV color 122.4060, -3.1582, -107.3501.



This preview shows how white text looks on a background with the YUV color 122.4060, -3.1582, -107.3501.

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

158.9160, -26.0876, 14.1057

Deuteranopia

161.8170, -19.1368, 24.7165

Tritanopia

145.4070, 22.4773, -69.6399

Trichromacy



Protanomaly

145.5190, -17.5109, -30.2732

Deuteranomaly

147.3010, -13.4594, -23.0660

Tritanomaly

136.9140, 13.3534, -83.2396

Monochromacy



Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1170, -1.0437, -38.6906

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.4060, -3.1582, -107.3501 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, 186, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 116)  
}
```

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, 186, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 116) }
```

Border

The CSS property to change the border of an element to YUV 122.4060, -3.1582, -107.3501 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, 186, 116) }
```

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

```
.border{ border-color:rgb(0, 186, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 186, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 186,  
116) }
```


Background

The CSS property to change the background color of an element to YUV 122.4060, -3.1582, -107.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 116) }
```

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

```
.background{ background-color: rgb(0, 186,  
116) }
```

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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