

Converting Colors

YUV(121.8450, -5.3466,
-58.6231)

Have a look what the booklet for
YUV(121.8450, -5.3466, -58.6231)
contains.

YUV(121.8450, -5.3466, -58.6231)	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(121.8450, -5.3466,
-58.6231)**

Conversions

Conversions Part 1

Format	Color
Hex	379E6F
RGB	55, 158, 111
RGB Percent	22%, 62%, 44%
CMY	0.7843, 0.3804, 0.5647
CMYK	0.65, 0.00, 0.30, 0.38
HSL	153°, 48%, 42%
HSV	153°, 65%, 62%
XYZ	16.6717, 26.4136, 19.2586
YIQ	121.8450, -46.3010, -36.4530

Conversions

Conversions Part 2

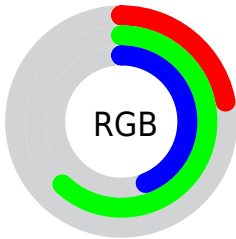
Format	Color
RYB	55, 122, 158
Decimal	3645039
CIELab	58.43, -40.92, 16.06
CIELCh	58, 43.959, 158.576
Yxy	26.4136, 0.2674, 0.4237
Android (android.graphics.Color)	4281835119 (0xFF379E6F)
YUV	121.8450, -5.3466, -58.6231
Hunter-Lab	51.3942, -32.0366, 13.7586

Details

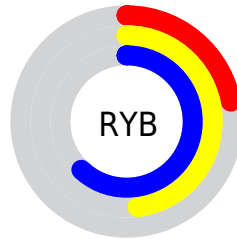
The YUV color **121.8450, -5.3466, -58.6231** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **91.1550, 5.3466, 58.6231**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.4000, -7.0992, -56.4788**, and **69.4040, -3.1572, -60.8673** is the 20% darker color. If you saturate the color by 10%, you get **116.2630, -6.0457, -67.7597**, and if you desaturate by 10%, it is **127.4270, -4.6475, -49.4865**.

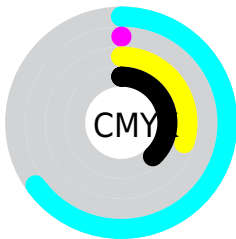
Distribution



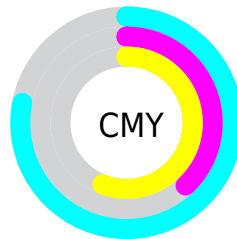
- Red (22%)
- Green (62%)
- Blue (44%)



- Red (22%)
- Yellow (48%)
- Blue (62%)



- Cyan (65%)
- Magenta (0%)
- Yellow (30%)
- Black (38%)



- Cyan (78%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.8450, -5.3466, -58.6231 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 121.8450, -5.3466, -58.6231 by changing the saturation by 10% instead.

■ 121.8450, -5.3466,
-58.6231

■ 121.8450, -5.3466,
-58.6231

■ 255.0000, 0.0000,
0.0000

■ 91.7840, -2.8515,
-65.5856

■ 177.4000, -7.0992,
-56.4788

■ 69.4040, -3.1572,
-60.8673

■ 205.8730, -7.8254,
-56.8936

■ 52.2210, -5.5320,
-45.7978

■ 225.3670, -3.6319,
-48.5569

■ 35.7390, -7.7593,
-31.3431

■ 237.2300, 4.3236,
-33.5277

■ 21.1320, -10.4181,
-18.5328

■ 246.9270, 3.9800,
-16.5990

■ 0.0000, 0.0000,
0.0000

■ 121.8450, -5.3466,
-58.6231

■ 121.8450, -5.3466,
-58.6231

■ 116.2630, -6.0457,
-67.7597

■ 127.4270, -4.6475,
-49.4865

■ 110.6810, -6.7447,
-76.8962

■ 133.0090, -3.9484,
-40.3499

■ 105.2840, -8.0280,
-85.3181

■ 138.4060, -2.6652,
-31.9281

■ 102.5500, -8.1591,
-89.9364

■ 143.9880, -1.9661,
-22.7915

■ 149.5700, -1.2670,
-13.6549

■ 155.1520, -0.5679,
-4.5183

■ 160.7340, 0.1311,
4.6183

■ 166.1310, 1.4144,

13.0401

■ 171.7130, 2.1135,
22.1767

Harmonies

Analogous

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



131.3050, -26.2794, -17.8075



121.8450, -5.3466, -58.6231



111.1340, 19.6539, -97.4645

Triad

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



121.8450, -5.3466, -58.6231



135.9100, 39.9774, -35.8781



140.4130, -22.8816, 59.2738

Complementary

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



121.8450, -5.3466, -58.6231



91.1550, 5.3466, 58.6231

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.



142.0170, -5.4314, 62.2521



121.8450, -5.3466, -58.6231



144.1180, 28.0428, 12.1745

Square

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



121.8450, -5.3466, -58.6231



113.3920, 48.6137, -99.4448



144.5000, 12.0785, 46.0425



138.5020, -34.7575, 41.6557

Rectangle

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



121.8450, -5.3466, -58.6231



113.3970, 30.8633, -99.4492



144.5000, 12.0785, 46.0425



140.3300, -16.9247, 61.9776

Sweetspot

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



121.8450, -5.3466, -58.6231



192.2760, -2.1081, -23.9211



129.8130, -36.8828, -23.5150



95.8580, -1.4090, -14.7845



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



121.8450, -5.3466, -58.6231



150.1260, -8.4431, -92.1955



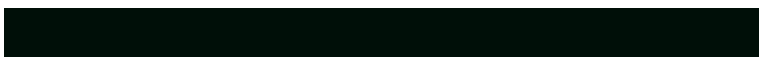
125.4420, 16.0511, -61.7776



76.1520, -0.5679, -4.5183



92.8330, -7.3127, -81.4145



9.7170, -0.8465, -8.5218

Inverse Universe

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



91.1550, 5.3466, 58.6231



101.8740, 8.4431, 92.1955



87.5580, -16.0511, 61.7776



73.8480, 0.5679, 4.5183



50.1670, 7.3127, 81.4145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 121.8450, -5.3466, -58.6231 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8450, -5.3466, -58.6231 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 × Fail

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

YUV 121.8450, -5.3466, -58.6231 Background



This preview shows how black text looks on a background with the YUV color 121.8450, -5.3466, -58.6231.



This preview shows how white text looks on a background with the YUV color 121.8450, -5.3466,

-58.6231.

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

121.8450, -5.3466, -58.6231

Protanopia

138.1850, -17.3462, 10.3618

Deuteranopia

140.0210, -11.8424, 18.3986



Tritanopia

129.4590, 17.0287, -48.6375

Trichromacy



Original Color

121.8450, -5.3466, -58.6231

Protanomaly

132.1710, -12.9023, -15.0590

Deuteranomaly

133.4150, -9.5716, -10.0110

Tritanomaly

126.9610, 8.8932, -52.5858

Monochromacy



Original Color

121.8450, -5.3466, -58.6231

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9990, -1.9715, -21.0471

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.8450, -5.3466, -58.6231 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(55, 158, 111)` looks like.

```
.text, #text, p{  
    color:rgb(55, 158, 111)  
}
```

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(55, 158, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 158, 111) }
```

Border

The CSS property to change the border of an element to YUV 121.8450, -5.3466, -58.6231 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(55, 158, 111) }
```


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

```
.border{ border-color:rgb(55, 158, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 158, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 158, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 158, 111);  
box-shadow:4px 4px 4px 4px rgb(55, 158,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 121.8450, -5.3466, -58.6231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 158, 111) }
```

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

```
.background{ background-color: rgb(55, 158,  
111) }
```

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