

Converting Colors

YUV(123.5580, -20.4881,
-102.2214)

Have a look what the booklet for
YUV(123.5580, -20.4881, -102.2214)
contains.

| | |
|---|----|
| YUV(123.5580, -20.4881, -102.2214) | 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(123.5580, -20.4881,
-102.2214)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 07BF52 |
| RGB | 7, 191, 82 |
| RGB Percent | 3%, 75%, 32% |
| CMY | 0.9725, 0.2510, 0.6784 |
| CMYK | 0.96, 0.00, 0.57, 0.25 |
| HSL | 144°, 93%, 39% |
| HSV | 144°, 96%, 75% |
| XYZ | 20.2414, 37.9160, 14.2343 |
| YIQ | 123.5580, -74.6750, -72.9070 |

Conversions

Conversions Part 2

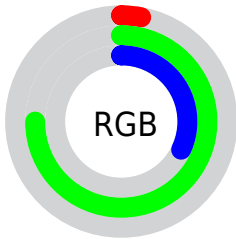
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 7, 138, 191 |
| Decimal | 507730 |
| CIELab | 67.96, -63.30, 43.25 |
| CIELCh | 68, 76.668, 145.658 |
| Yxy | 37.9160, 0.2796, 0.5238 |
| Android (android.graphics.Color) | 4278697810 (0xFF07BF52) |
| YUV | 123.5580, -20.4881, -102.2214 |
| Hunter-Lab | 61.5759, -49.0809, 29.3973 |

Details

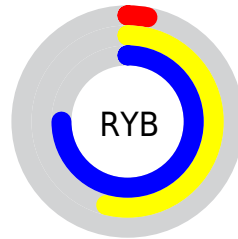
The YUV color **123.5580, -20.4881, -102.2214** is a dark color, and the websafe version is hex **00CC66**. A complement of this color would be **74.4420, 20.4881, 102.2214**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.3390, -28.2681, -80.1043**, and **83.2520, -26.2532, -73.0120** is the 20% darker color. If you saturate the color by 10%, you get **121.0090, -21.2034, -106.1249**, and if you desaturate by 10%, it is **130.4930, -18.4840, -91.6404**.

Distribution



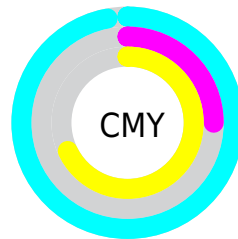
- Red (3%)
- Green (75%)
- Blue (32%)



- Red (3%)
- Yellow (54%)
- Blue (75%)



- Cyan (96%)
- Magenta (0%)
- Yellow (57%)
- Black (25%)



- Cyan (97%)
- Magenta (25%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.5580, -20.4881, -102.2214 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 123.5580, -20.4881, -102.2214 by changing the saturation by 10% instead.

■ 123.5580,
-20.4881, -102.2214

■ 123.5580,
-20.4881, -102.2214

255.0000, 0.0000,
0.0000

■ 102.1790,
-22.2732, -89.6110

■ 191.3390,
-28.2681, -80.1043

■ 83.2520, -26.2532,
-73.0120

■ 207.5070,
-22.9280, -66.2196

■ 63.9830, -31.5436,
-56.1131

■ 219.6690,
-15.1198, -50.5757

■ 48.7210, -24.0195,
-42.7283

■ 232.1300, -7.4591,
-34.3170

■ 34.6330, -17.0741,
-30.3731

■ 244.4060, 0.7858,
-18.7731

■ 20.5450, -10.1287,
-18.0180

254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 123.5580,
-20.4881, -102.2214

■ 123.5580,
-20.4881, -102.2214

■ 121.0090,
-21.2034, -106.1249

■ 130.4930,
-18.4840, -91.6404

■ 137.5420,
-16.0432, -81.1593

■ 144.4770,
-14.0392, -70.5783

■ 151.4120,
-12.0351, -59.9973

■ 158.7600, -9.7417,
-48.9015

■ 165.6950, -7.7376,
-38.3205

■ 172.6300, -5.7336,
-27.7395

■ 179.6790, -3.2927,
-17.2585

■ 186.6140, -1.2887,
-6.6775

Harmonies

Analogous

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



146.9330, -72.4380, -6.0802



123.5580, -20.4881, -102.2214



132.4940, 10.1095, -116.1972

Triad

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



123.5580, -20.4881, -102.2214



132.9690, 60.1613, -116.6138



148.0720, -18.7695, 93.7759

Complementary

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



123.5580, -20.4881, -102.2214



74.4420, 20.4881, 102.2214

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.



151.2420, 13.6847, 90.9958



123.5580, -20.4881, -102.2214



161.0510, 46.3169, -15.8307

Square

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



123.5580, -20.4881, -102.2214



141.1870, 56.1098, -123.8210



168.6570, 37.6371, 61.6908



157.9130, -54.6801, 85.1453

Rectangle

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



123.5580, -20.4881, -102.2214



138.5530, 30.7864, -121.5110



168.6570, 37.6371, 61.6908



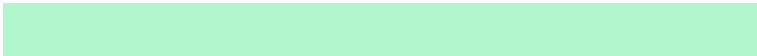
146.4710, -7.1342, 95.1799

Sweetspot

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



123.5580, -20.4881, -102.2214



220.9830, -7.8796, -39.4501



147.8980, -69.4627, -27.0975



108.8800, -4.8708, -24.4508



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



123.5580, -20.4881, -102.2214



156.5030, -27.3630, -137.2531



133.9320, 19.2605, -111.3194



90.7390, -0.8573, -5.0331



100.0420, -17.7687, -87.7368



19.5650, -3.7295, -17.1585

Inverse Universe

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



74.4420, 20.4881, 102.2214



90.6110, 27.7998, 137.1532



64.0680, -19.2605, 111.3194



88.3750, 1.2941, 4.9331



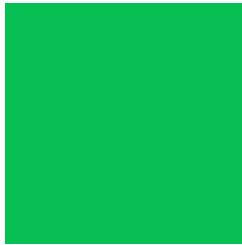
57.9580, 17.7687, 87.7368



11.3210, 3.2927, 17.2585

Previews

White Background



This preview shows how the YUV color 123.5580, -20.4881, -102.2214 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 123.5580, -20.4881, -102.2214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

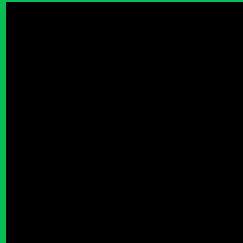
Any Text WCAG AA ✓ Pass

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 123.5580, -20.4881, -102.2214 Background



This preview shows how black text looks on a background with the YUV color 123.5580, -20.4881, -102.2214.



This preview shows how white text looks on a background with the YUV color 123.5580, -20.4881, -102.2214.

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

123.5580, -20.4881, -102.2214

Protanopia

159.1220, -41.9651, 20.0640

Deuteranopia

162.6320, -35.3146, 33.6487



Tritanopia

149.6140, 21.8823, -65.4365

Trichromacy



Original Color

123.5580, -20.4881, -102.2214



Protanomaly

146.1980, -34.1146, -24.7296



Deuteranomaly

148.1050, -29.6318, -15.8781



Tritanomaly

139.8130, 6.5012, -78.7660

Monochromacy



Original Color

123.5580, -20.4881, -102.2214



Achromatopsia

124.0000, 0.0000, 0.0000



Achromatomaly

123.5210, -7.1589, -37.2909

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5580, -20.4881, -102.2214 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(7, 191, 82)` looks like.

```
.text, #text, p{  
    color:rgb(7, 191, 82)  
}
```

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(7, 191, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 191, 82) }
```

Border

The CSS property to change the border of an element to YUV 123.5580, -20.4881, -102.2214 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(7, 191, 82) }
```


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

```
.border{ border-color:rgb(7, 191, 82) }
```

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

Here you see how a box with a 4 pixel rgb(7, 191, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 191, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 191, 82);  
box-shadow:4px 4px 4px 4px rgb(7, 191, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 123.5580, -20.4881, -102.2214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 191, 82) }
```

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

```
.background{ background-color: rgb(7, 191,  
82) }
```

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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