

Converting Colors

YUV(117.7210, -58.0365,
-98.8563)

Have a look what the booklet for
YUV(117.7210, -58.0365, -98.8563)
contains.

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Color

**YUV(117.7210, -58.0365,
-98.8563)**

Conversions

Conversions Part 1

Format	Color
Hex	05C600
RGB	5, 198, 0
RGB Percent	2%, 78%, 0%
CMY	0.9804, 0.2235, 1.0000
CMYK	0.97, 0.00, 1.00, 0.22
HSL	118°, 100%, 39%
HSV	118°, 100%, 78%
XYZ	20.2567, 40.4204, 6.7343
YIQ	117.7210, -51.4700, -102.4940

Conversions

Conversions Part 2

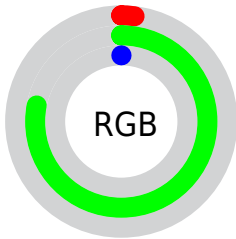
Format	Color
RYB	0, 198, 193
Decimal	378368
CIELab	69.77, -71.03, 68.78
CIELCh	70, 98.873, 135.920
Yxy	40.4204, 0.3005, 0.5996
Android (android.graphics.Color)	4278568448 (0xFF05C600)
YUV	117.7210, -58.0365, -98.8563
Hunter-Lab	63.5771, -54.3869, 38.2238

Details

The YUV color **117.7210, -58.0365, -98.8563** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **80.2790, 58.0365, 98.8563**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.2000, -54.3286, -74.7204**, and **83.3540, -41.0935, -73.1015** is the 20% darker color. If you saturate the color by 10%, you get **117.7210, -58.0365, -98.8563**, and if you desaturate by 10%, it is **125.6820, -52.1012, -89.1751**.

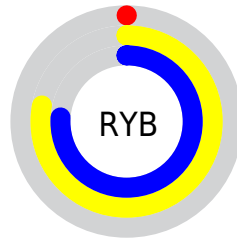
Distribution



Red (2%)

Green (78%)

Blue (0%)



Red (0%)

Yellow (78%)

Blue (76%)

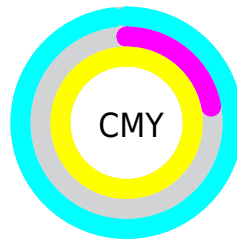


Cyan (97%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (98%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7210, -58.0365, -98.8563 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 117.7210, -58.0365, -98.8563 by changing the saturation by 10% instead.

■ 117.7210,
-58.0365, -98.8563

■ 117.7210,
-58.0365, -98.8563

■ 255.0000, 0.0000,
0.0000

■ 99.7900, -49.1965,
-87.5158

■ 190.2000,
-54.3286, -74.7204

■ 83.3540, -41.0935,
-73.1015

■ 203.0740,
-46.3785, -57.9469

■ 67.5050, -33.2800,
-59.2019

■ 215.8340,
-38.8652, -41.0734

■ 52.2430, -25.7558,
-45.8171

■ 228.4090,
-30.7676, -24.9147

■ 37.5680, -18.5210,
-32.9471

■ 240.9840,
-22.6701, -8.7560

■ 22.8930, -11.2862,
-20.0772

■ 251.4660,

■ 0.0000, 0.0000,

-13.5407, 3.0993

0.0000

254.8860, -0.4368,
0.1000

■ 117.7210,
-58.0365, -98.8563

■ 125.6820,
-52.1012, -89.1751

■ 133.9420,
-46.3134, -78.8791

■ 141.7890,
-40.8150, -69.0980

■ 149.7500,
-34.8798, -59.4168

■ 158.0100,
-29.0919, -49.1208

■ 165.9710,
-23.1567, -39.4396

■ 173.9320,
-17.2215, -29.7584

■ 181.7790,
-11.7230, -19.9772

■ 190.0390, -5.9352,
-9.6812

Harmonies

Analogous

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



154.6850, -76.2597, 6.4153



117.7210, -58.0365, -98.8563



134.9440, -5.8884, -118.3459

Triad

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



117.7210, -58.0365, -98.8563



142.3610, 55.5310, -124.8506



118.3120, 4.2832, 119.8754

Complementary

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



117.7210, -58.0365, -98.8563



80.2790, 58.0365, 98.8563

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.



135.6160, 40.1223, 104.6998



117.7210, -58.0365, -98.8563



126.5120, 63.3446, -110.9510

Square

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



117.7210, -58.0365, -98.8563



149.9920, 51.7689, -131.5430



167.9920, 42.8949, 55.2580



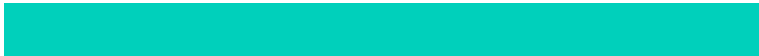
141.5110, -51.5239, 99.5299

Rectangle

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



117.7210, -58.0365, -98.8563



143.4140, 21.4879, -125.7741



167.9920, 42.8949, 55.2580



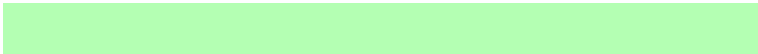
115.2750, 20.5704, 122.5388

Sweetspot

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



117.7210, -58.0365, -98.8563



223.9110, -22.1411, -38.5099



171.3190, -84.4603, 23.3992



109.3010, -13.4594, -23.0660



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.



117.7210, -58.0365, -98.8563



151.4790, -74.6791, -127.5851



126.7140, -17.1140, -111.1282



95.2830, -2.6045, -4.6332



96.8770, -47.7604, -81.4531



21.4310, -10.5655, -17.9180

Inverse Universe

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



80.2790, 58.0365, 98.8563



103.5210, 74.6791, 127.5851



71.2860, 17.1140, 111.1282



93.7170, 2.6045, 4.6332



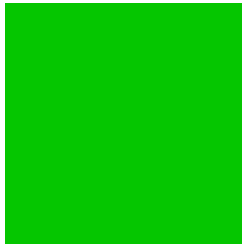
66.1230, 47.7604, 81.4531



14.5690, 10.5655, 17.9180

Previews

White Background



This preview shows how the YUV color 117.7210, -58.0365, -98.8563 looks on a white background.

Color Contrast Check

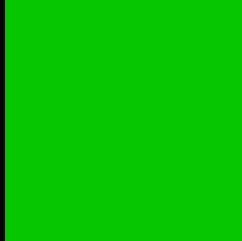
Large Text (above 18pt) WCAG AA × Fail

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 117.7210, -58.0365, -98.8563 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 117.7210, -58.0365, -98.8563 Background



This preview shows how black text looks on a background with the YUV color 117.7210, -58.0365, -98.8563.



This preview shows how white text looks on a background with the YUV color 117.7210, -58.0365, -98.8563.

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

156.8990, -77.3512, 29.9066

Deuteranopia

162.5090, -58.9179, 44.2806

Tritanopia

155.5110, 21.4401, -63.5921

Trichromacy



Protanomaly

142.4370, -70.2214, -17.0462

Deuteranomaly

146.1790, -58.7552, -8.0500

Tritanomaly

141.8660, -7.3289, -76.1815

Monochromacy



Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8620, -21.1310, -35.8360

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7210, -58.0365, -98.8563 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(5, 198, 0)` looks like.

```
.text, #text, p{  
    color:rgb(5, 198, 0)  
}
```

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(5, 198, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 198, 0) }
```

Border

The CSS property to change the border of an element to YUV 117.7210, -58.0365, -98.8563 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(5, 198, 0) }
```

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

```
.border{ border-color:rgb(5, 198, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 198, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 198, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 198, 0); box-shadow:4px  
4px 4px 4px rgb(5, 198, 0) }
```


Background

The CSS property to change the background color of an element to YUV 117.7210, -58.0365, -98.8563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 198, 0) }
```

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

```
.background{ background-color: rgb(5, 198,  
0) }
```

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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