

Converting Colors

YUV(118.5300, -54.9843,
-97.8118)

Have a look what the booklet for
YUV(118.5300, -54.9843, -97.8118)
contains.

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Color

**YUV(118.5300, -54.9843,
-97.8118)**

Conversions

Conversions Part 1

Format	Color
Hex	07C507
RGB	7, 197, 7
RGB Percent	3%, 77%, 3%
CMY	0.9725, 0.2275, 0.9725
CMYK	0.96, 0.00, 0.96, 0.23
HSL	120°, 93%, 40%
HSV	120°, 96%, 77%
XYZ	20.0922, 39.9930, 6.8615
YIQ	118.5300, -52.2500, -99.3700

Conversions

Conversions Part 2

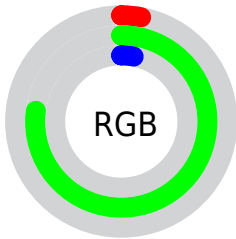
Format	Color
RYB	7, 197, 197
Decimal	509191
CIELab	69.46, -70.53, 67.76
CIELCh	69, 97.809, 136.146
Yxy	39.9930, 0.3001, 0.5974
Android (android.graphics.Color)	4278699271 (0xFF07C507)
YUV	118.5300, -54.9843, -97.8118
Hunter-Lab	63.2400, -53.9582, 37.8351

Details

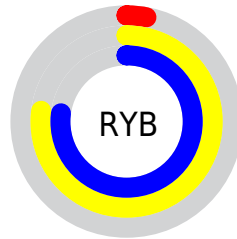
The YUV color **118.5300, -54.9843, -97.8118** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **85.4700, 54.9843, 97.8118**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4280, -53.4550, -74.9204**, and **82.7670, -40.8041, -72.5867** is the 20% darker color. If you saturate the color by 10%, you get **115.6390, -57.0100, -101.4154**, and if you desaturate by 10%, it is **126.7900, -49.1965, -87.5158**.

Distribution



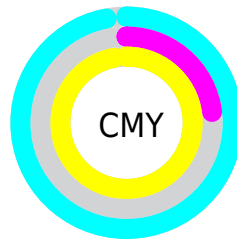
- Red (3%)
- Green (77%)
- Blue (3%)



- Red (3%)
- Yellow (77%)
- Blue (77%)



- Cyan (96%)
- Magenta (0%)
- Yellow (96%)
- Black (23%)





- Cyan (97%)
- Magenta (23%)
- Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.5300, -54.9843, -97.8118 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 118.5300, -54.9843, -97.8118 by changing the saturation by 10% instead.


 118.5300,
-54.9843, -97.8118


 118.5300,
-54.9843, -97.8118


255.0000, 0.0000,
0.0000


 99.2030, -48.9071,
-87.0010


 190.4280,
-53.4550, -74.9204


 82.7670, -40.8041,
-72.5867


 203.3020,
-45.5049, -58.1469


 66.9180, -32.9906,
-58.6871


 216.0620,
-37.9916, -41.2734

 51.6560, -25.4664,
-45.3023

 228.5230,
-30.3308, -25.0147

 36.9810, -18.2316,
-32.4323

 241.0980,
-22.2333, -8.8559

 22.8930, -11.2862,
-20.0772

 251.5800,

 0.0000, 0.0000,

-13.1039, 2.9993

0.0000

■ 118.5300,
-54.9843, -97.8118

■ 118.5300,
-54.9843, -97.8118

■ 115.6390,
-57.0100, -101.4154

■ 126.7900,
-49.1965, -87.5158

■ 134.6370,
-43.6980, -77.7346

■ 142.8970,
-37.9102, -67.4387

■ 151.1570,
-32.1224, -57.1427

■ 159.4170,
-26.3346, -46.8467

■ 167.2640,
-20.8362, -37.0655

■ 175.5240,
-15.0483, -26.7695

■ 183.7840, -9.2605,
-16.4736

■ 191.6310, -3.7621,
-6.6924

Harmonies

Analogous

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



153.5000, -75.6755, 5.7005



118.5300, -54.9843, -97.8118



134.4710, -5.1622, -117.9311

Triad

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



118.5300, -54.9843, -97.8118



141.7740, 55.8204, -124.3358



119.9590, 2.9782, 118.4310

Complementary

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



118.5300, -54.9843, -97.8118



85.4700, 54.9843, 97.8118

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.



135.9750, 38.9593, 104.3849



118.5300, -54.9843, -97.8118



125.3380, 63.9234, -109.9214

Square

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



118.5300, -54.9843, -97.8118



149.4050, 52.0583, -131.0282



167.6930, 43.0424, 54.6432



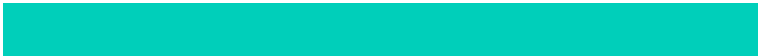
142.0980, -51.8133, 99.0151

Rectangle

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



118.5300, -54.9843, -97.8118



142.7130, 21.3405, -125.1593



167.6930, 43.0424, 54.6432



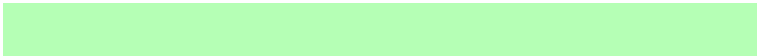
117.5090, 18.9761, 120.5796

Sweetspot

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



118.5300, -54.9843, -97.8118



224.4380, -21.4149, -38.0951



175.3400, -82.9916, 18.9958



109.4150, -13.0226, -23.1660



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.



118.5300, -54.9843, -97.8118



149.6850, -73.7947, -131.2737



129.3600, -13.4885, -107.3097



95.2830, -2.6045, -4.6332



95.6810, -47.1707, -83.9122



21.1320, -10.4181, -18.5328

Inverse Universe

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



85.4700, 54.9843, 97.8118



105.3150, 73.7947, 131.2737



74.6400, 13.4885, 107.3097



93.7170, 2.6045, 4.6332



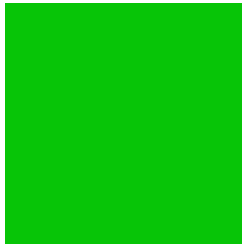
67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 118.5300, -54.9843, -97.8118 looks on a white background.

Color Contrast Check

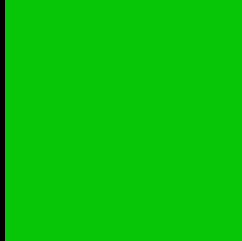
Large Text (above 18pt) WCAG AA × Fail

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 118.5300, -54.9843, -97.8118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

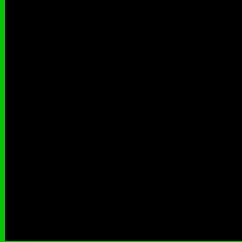
Any Text WCAG AA ✓ Pass

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 118.5300, -54.9843, -97.8118 Background



This preview shows how black text looks on a background with the YUV color 118.5300, -54.9843, -97.8118.

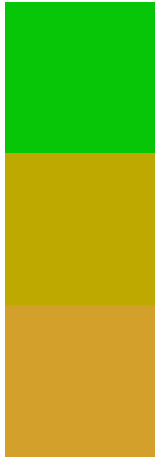


This preview shows how white text looks on a background with the YUV color 118.5300, -54.9843, -97.8118.

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

118.5300, -54.9843, -97.8118

Protanopia

156.0130, -76.9144, 29.8066

Deuteranopia

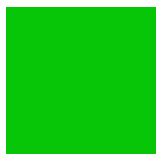
161.9110, -58.6231, 43.0511



Tritanopia

154.8100, 21.2927, -62.9774

Trichromacy



Original Color

118.5300, -54.9843, -97.8118



Protanomaly

142.1920, -68.6217, -16.8314



Deuteranomaly

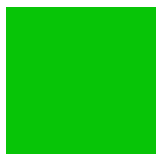
145.9340, -57.1555, -7.8351



Tritanomaly

141.5070, -6.1660, -75.8666

Monochromacy



Original Color

118.5300, -54.9843, -97.8118



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

118.5030, -19.9680, -35.5211

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5300, -54.9843, -97.8118 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, 197, 7)` looks like.

```
.text, #text, p{  
    color:rgb(7, 197, 7)  
}
```

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, 197, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 197, 7) }
```

Border

The CSS property to change the border of an element to YUV 118.5300, -54.9843, -97.8118 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, 197, 7) }
```


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

```
.border{ border-color:rgb(7, 197, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 197, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 197, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 197, 7); box-shadow:4px  
4px 4px 4px rgb(7, 197, 7) }
```

Background

The CSS property to change the background color of an element to YUV 118.5300, -54.9843, -97.8118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 197, 7) }
```

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

```
.background{ background-color: rgb(7, 197,  
7) }
```

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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