

Converting Colors

YUV(198.4580, -58.8928,
-57.4067)

Have a look what the booklet for
YUV(198.4580, -58.8928, -57.4067)
contains.

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Color

**YUV(198.4580, -58.8928,
-57.4067)**

Conversions

Conversions Part 1

Format	Color
Hex	85FF4F
RGB	133, 255, 79
RGB Percent	52%, 100%, 31%
CMY	0.4784, 0.0000, 0.6902
CMYK	0.48, 0.00, 0.69, 0.00
HSL	102°, 100%, 65%
HSV	102°, 69%, 100%
XYZ	46.8441, 77.0711, 19.8044
YIQ	198.4580, -16.2160, -80.6000

Conversions

Conversions Part 2

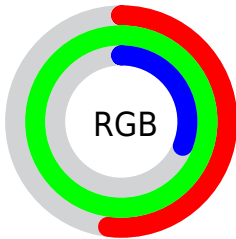
Format	Color
RYB	79, 255, 201
Decimal	8781647
CIELab	90.35, -63.47, 70.05
CIELCh	90, 94.531, 132.179
Yxy	77.0711, 0.3259, 0.5363
Android (android.graphics.Color)	4286971727 (0xFF85FF4F)
YUV	198.4580, -58.8928, -57.4067
Hunter-Lab	87.7901, -58.3865, 48.0780

Details

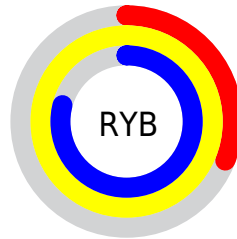
The YUV color **198.4580, -58.8928, -57.4067** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **135.5420, 58.8928, 57.4067**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.1950, -42.9871, -25.6040**, and **135.9710, -67.0337, -59.6106** is the 20% darker color. If you saturate the color by 10%, you get **190.2260, -67.1594, -65.9732**, and if you desaturate by 10%, it is **206.8040, -50.1894, -48.9401**.

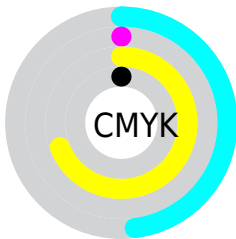
Distribution



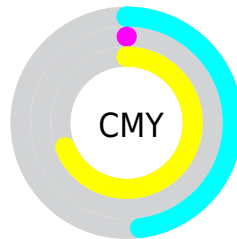
- Red (52%)
- Green (100%)
- Blue (31%)



- Red (31%)
- Yellow (100%)
- Blue (79%)



- Cyan (48%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.4580, -58.8928, -57.4067 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 198.4580, -58.8928, -57.4067 by changing the saturation by 10% instead.

198.4580,
-58.8928, -57.4067

198.4580,
-58.8928, -57.4067

255.0000, 0.0000,
0.0000

168.6320,
-59.4716, -58.4363

223.1950,
-42.9871, -25.6040

135.9710,
-67.0337, -59.6106

235.4710,
-34.7422, -10.0601

105.4820,
-52.0026, -74.0907

248.0460,
-26.6447, 6.0987

83.3540, -41.0935,
-73.1015

251.3520,
-13.9775, 3.1993

67.5050, -33.2800,
-59.2019

254.7720, -0.8736,
0.2000

52.2430, -25.7558,
-45.8171

37.5680, -18.5210,

-32.9471

■ 24.0670, -11.8650,
-21.1068

■ 1.1740, -0.5788,
-1.0296

■ 198.4580,
-58.8928, -57.4067

■ 198.4580,
-58.8928, -57.4067

■ 190.2260,
-67.1594, -65.9732

■ 206.8040,
-50.1894, -48.9401

■ 182.1790,
-76.0102, -73.8250

■ 214.7370,
-41.7753, -40.9883

■ 173.9470,
-84.2769, -82.3915

■ 223.0830,
-33.0719, -32.5218

■ 173.0070,
-85.2925, -83.3211

■ 231.3150,
-24.8053, -23.9553

■ 239.3620,
-15.9545, -16.1035

■ 247.5940, -7.6878,
-7.5369

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



208.5090, -102.7949, 24.1096



198.4580, -58.8928, -57.4067



168.8370, -0.4126, -148.0700

Triad

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



198.4580, -58.8928, -57.4067



176.9940, 38.4570, -155.2237



177.0190, 8.3716, 68.3893

Complementary

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



198.4580, -58.8928, -57.4067



135.5420, 58.8928, 57.4067

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.



190.4300, 31.8330, 56.6279



198.4580, -58.8928, -57.4067



186.8480, 33.5989, -90.1977

Square

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



198.4580, -58.8928, -57.4067



178.7550, 37.5888, -156.7681



214.4970, 19.9680, 35.5211



184.3520, -37.1485, 61.9583

Rectangle

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



198.4580, -58.8928, -57.4067



176.1330, 27.5424, -154.4686



214.4970, 19.9680, 35.5211



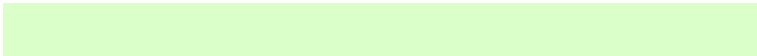
179.9660, 22.2018, 65.8048

Sweetspot

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



198.4580, -58.8928, -57.4067



237.7810, -18.1330, -17.3479



202.0640, -60.6706, 46.4249



117.4750, -10.5872, -10.9406



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.



198.4580, -58.8928, -57.4067



186.8790, -70.9323, -69.1769



185.9600, -36.9553, -93.8039



123.8270, -4.3517, -4.2333



129.7580, -63.9707, -62.0548



43.5480, -21.4692, -20.6516

Inverse Universe

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



135.5420, 58.8928, 57.4067



111.1210, 70.9323, 69.1769



148.0400, 36.9553, 93.8039



119.1730, 4.3517, 4.2333



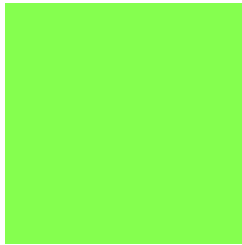
61.5410, 63.8233, 62.6695



20.4520, 21.4692, 20.6516

Previews

White Background



This preview shows how the YUV color 198.4580, -58.8928, -57.4067 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 198.4580, -58.8928, -57.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

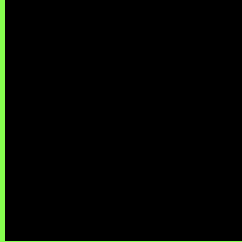
Any Text WCAG AA ✓ Pass

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 198.4580, -58.8928, -57.4067 Background



This preview shows how black text looks on a background with the YUV color 198.4580, -58.8928, -57.4067.



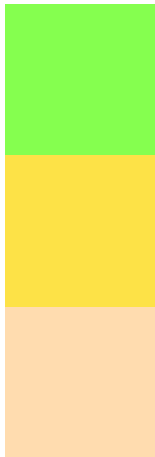
This preview shows how white text looks on a background with the YUV color 198.4580, -58.8928, -57.4067.

-57.4067.

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

198.4580, -58.8928, -57.4067

Protanopia

216.4030, -71.6837, 32.0956

Deuteranopia

225.3350, -24.8152, 26.0162



Tritanopia

219.0190, 17.7386, -42.9897

Trichromacy



Original Color

198.4580, -58.8928, -57.4067



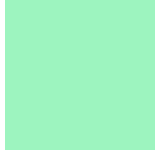
Protanomaly

210.0460, -67.0707, -0.9173



Deuteranomaly

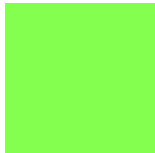
215.8200, -37.3793, -4.2271



Tritanomaly

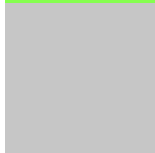
211.9450, -10.3259, -48.1868

Monochromacy



Original Color

198.4580, -58.8928, -57.4067



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.2490, -21.3218, -21.2664

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.4580, -58.8928, -57.4067 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(133, 255, 79)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 79)  
}
```

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(133, 255, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 79) }
```

Border

The CSS property to change the border of an element to YUV 198.4580, -58.8928, -57.4067 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(133, 255, 79) }
```


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

```
.border{ border-color:rgb(133, 255, 79) }
```

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

Here you see how a box with a 4 pixel rgb(133, 255, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 79);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 198.4580, -58.8928, -57.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 79) }
```

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

```
.background{ background-color: rgb(133,  
255, 79) }
```

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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