

Converting Colors

YUV(198.5700, -68.8080,
-50.4889)

Have a look what the booklet for
YUV(198.5700, -68.8080, -50.4889)
contains.

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Color

**YUV(198.5700, -68.8080,
-50.4889)**

Conversions

Conversions Part 1

Format	Color
Hex	8DFF3B
RGB	141, 255, 59
RGB Percent	55%, 100%, 23%
CMY	0.4471, 0.0000, 0.7686
CMYK	0.45, 0.00, 0.77, 0.00
HSL	95°, 100%, 62%
HSV	95°, 77%, 100%
XYZ	47.5339, 77.4985, 16.5911
YIQ	198.5700, -5.0280, -85.1240

Conversions

Conversions Part 2

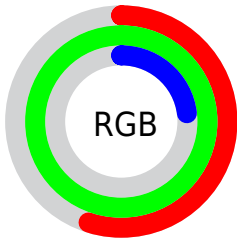
Format	Color
RYB	59, 255, 173
Decimal	9305915
CIELab	90.55, -62.39, 76.88
CIElCh	91, 99.014, 129.059
Yxy	77.4985, 0.3356, 0.5472
Android (android.graphics.Color)	4287495995 (0xFF8DFF3B)
YUV	198.5700, -68.8080, -50.4889
Hunter-Lab	88.0332, -57.6763, 50.4492

Details

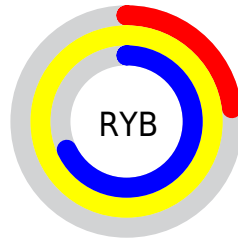
The YUV color **198.5700, -68.8080, -50.4889** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **115.4300, 68.8080, 50.4889**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.7630, -51.1552, -19.0862**, and **138.6620, -68.3604, -54.0776** is the 20% darker color. If you saturate the color by 10%, you get **191.1210, -77.9537, -57.1111**, and if you desaturate by 10%, it is **206.0190, -59.6624, -43.8667**.

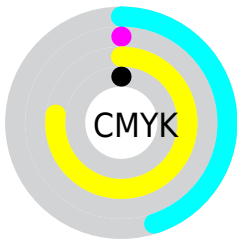
Distribution



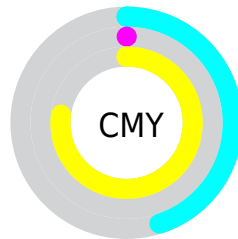
- Red (55%)
- Green (100%)
- Blue (23%)



- Red (23%)
- Yellow (100%)
- Blue (68%)



- Cyan (45%)
- Magenta (0%)
- Yellow (77%)
- Black (0%)



- Cyan (45%)
- Magenta (0%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.5700, -68.8080, -50.4889 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 198.5700, -68.8080, -50.4889 by changing the saturation by 10% instead.

198.5700,
-68.8080, -50.4889

198.5700,
-68.8080, -50.4889

255.0000, 0.0000,
0.0000

167.1480,
-75.5020, -50.1188

223.7630,
-51.1552, -19.0862

138.6620,
-68.3604, -54.0776

236.3380,
-43.0576, -2.9274

110.2660,
-54.3611, -64.2543

246.3360,
-33.1966, 7.5983

83.3540, -41.0935,
-73.1015

249.6420,
-20.5295, 4.6990

68.0920, -33.5694,
-59.7167

253.0620, -7.4256,
1.6996

52.8300, -26.0452,
-46.3319

38.1550, -18.8104,

-33.4619

■ 24.0670, -11.8650,
-21.1068

■ 2.3480, -1.1576,
-2.0592

■ 198.5700,
-68.8080, -50.4889

■ 198.5700,
-68.8080, -50.4889

■ 191.1210,
-77.9537, -57.1111

■ 206.0190,
-59.6624, -43.8667

■ 183.7860,
-86.6625, -63.8333

■ 213.3540,
-50.9535, -37.1445

■ 181.6780,
-89.5673, -65.4926

■ 220.5040,
-41.6605, -31.1370

■ 227.8390,
-32.9516, -24.4148

■ 235.2880,
-23.8060, -17.7926

■ 242.6230,
-15.0971, -11.0704

■ 250.0720, -5.9515,
-4.4481

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.



210.3250, -103.6902, 31.2870



198.5700, -68.8080, -50.4889



167.4690, -5.6542, -146.8703

Triad

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



198.5700, -68.8080, -50.4889



178.7550, 37.5888, -156.7681



173.3490, 14.6179, 71.6079

Complementary

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



198.5700, -68.8080, -50.4889



115.4300, 68.8080, 50.4889

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.



189.2560, 32.4118, 57.6575



198.5700, -68.8080, -50.4889



164.0800, 44.8236, -143.8982

Square

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



198.5700, -68.8080, -50.4889



178.7550, 37.5888, -156.7681



216.2580, 19.0998, 33.9767



180.1120, -33.0862, 65.6768

Rectangle

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



198.5700, -68.8080, -50.4889



174.9930, 23.1745, -153.4689



216.2580, 19.0998, 33.9767



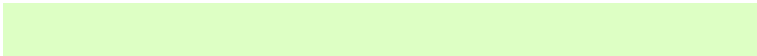
176.9970, 28.5955, 68.4086

Sweetspot

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



198.5700, -68.8080, -50.4889



238.1080, -20.7592, -15.0037



182.7610, -61.0142, 63.3536



117.6170, -12.6292, -9.3111



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.



198.5700, -68.8080, -50.4889



187.5460, -82.6002, -60.1148



175.5340, -51.0423, -102.2003



124.1260, -4.4991, -3.6185



136.0370, -67.0662, -49.1444



45.6410, -22.5010, -16.3482

Inverse Universe

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



115.4300, 68.8080, 50.4889



87.7530, 82.4528, 60.7296



138.4660, 51.0423, 102.2003



118.5750, 4.6465, 3.0037



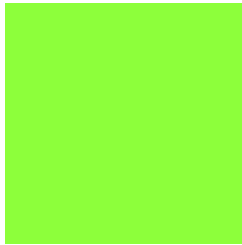
54.9630, 67.0662, 49.1444



18.3590, 22.5010, 16.3482

Previews

White Background



This preview shows how the YUV color 198.5700, -68.8080, -50.4889 looks on a white background.

Color Contrast Check

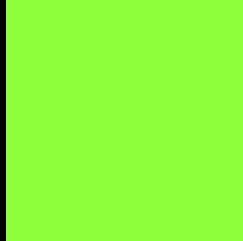
Large Text (above 18pt) WCAG AA × Fail

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 198.5700, -68.8080, -50.4889 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 198.5700, -68.8080, -50.4889 Background



This preview shows how black text looks on a background with the YUV color 198.5700, -68.8080, -50.4889.



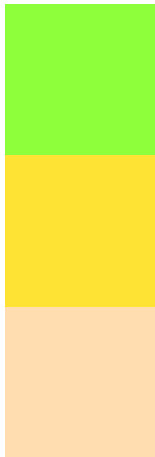
This preview shows how white text looks on a background with the YUV color 198.5700, -68.8080, -50.4889.

-50.4889.

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

198.5700, -68.8080, -50.4889

Protanopia

215.4220, -80.5670, 34.7099

Deuteranopia

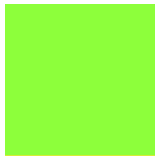
226.0360, -24.6677, 25.4014



Tritanopia

220.5140, 17.0016, -39.9158

Trichromacy



Original Color

198.5700, -68.8080, -50.4889



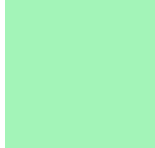
Protanomaly

209.3750, -76.1069, 4.0561



Deuteranomaly

215.9190, -40.8791, -1.6830



Tritanomaly

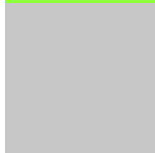
212.9410, -14.2679, -43.7983

Monochromacy



Original Color

198.5700, -68.8080, -50.4889



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.6470, -24.9690, -18.1074

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.5700, -68.8080, -50.4889 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(141, 255, 59)` looks like.

```
.text, #text, p{  
    color:rgb(141, 255, 59)  
}
```

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(141, 255, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 255, 59) }
```

Border

The CSS property to change the border of an element to YUV 198.5700, -68.8080, -50.4889 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(141, 255, 59) }
```


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

```
.border{ border-color:rgb(141, 255, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 255, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 255, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 255, 59);  
box-shadow:4px 4px 4px 4px rgb(141, 255,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 198.5700, -68.8080, -50.4889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 255, 59) }
```

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

```
.background{ background-color: rgb(141,  
255, 59) }
```

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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