

Converting Colors

YUV(198.3490, 27.9289,
48.8059)

Have a look what the booklet for
YUV(198.3490, 27.9289, 48.8059)
contains.

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Color

**YUV(198.3490, 27.9289,
48.8059)**

Conversions

Conversions Part 1

Format	Color
Hex	FE9FFF
RGB	254, 159, 255
RGB Percent	100%, 62%, 100%
CMY	0.0039, 0.3765, 0.0000
CMYK	0.00, 0.38, 0.00, 0.00
HSL	299°, 100%, 81%
HSV	299°, 38%, 100%
XYZ	71.3212, 53.0871, 101.0955
YIQ	198.3490, 25.8040, 49.9960

Conversions

Conversions Part 2

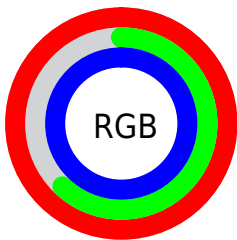
Format	Color
R _Y B	254, 159, 255
Decimal	16687103
CIE Lab	77.93, 49.50, -33.17
CIE LCh	78, 59.588, 326.173
Yxy	53.0871, 0.3163, 0.2354
Android (android.graphics.Color)	4294877183 (0xFFFE9FFF)
YUV	198.3490, 27.9289, 48.8059
Hunter-Lab	72.8609, 47.2213, -31.2631

Details

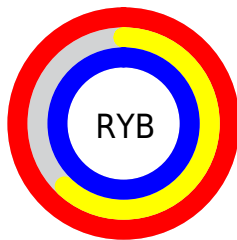
The YUV color **198.3490, 27.9289, 48.8059** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **215.6510, -27.9289, -48.8059**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.5200, 11.5756, 20.5920**, and **142.8110, 27.2082, 46.6468** is the 20% darker color. If you saturate the color by 10%, you get **183.0870, 35.4531, 62.1907**, and if you desaturate by 10%, it is **213.6110, 20.4048, 35.4212**.

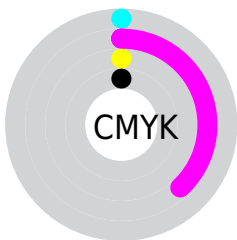
Distribution



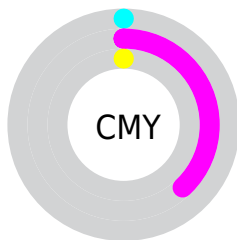
- Red (100%)
- Green (62%)
- Blue (100%)



- Red (100%)
- Yellow (62%)
- Blue (100%)



- Cyan (0%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 198.3490, 27.9289, 48.8059 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 198.3490, 27.9289, 48.8059 by changing the saturation by 10% instead.


 198.3490, 27.9289,
48.8059

 198.3490, 27.9289,
48.8059


255.0000, 0.0000,
0.0000


 170.5230, 27.3502,
47.7763


 231.5200, 11.5756,
20.5920


 142.8110, 27.2082,
46.6468

 248.5430, 3.1833,
5.6628

 115.6860, 26.7768,
45.0024

 88.8000, 27.2136,
44.9024

 60.7400, 28.2292,
45.8320

 36.3160, 27.9452,
43.5729

 26.1050, 21.1472,

30.6029

■ 16.6060, 14.4912,
18.7625

■ 3.3230, 10.1938,
-2.9143

■ 198.3490, 27.9289,
48.8059

■ 198.3490, 27.9289,
48.8059

■ 183.0870, 35.4531,
62.1907

■ 213.6110, 20.4048,
35.4212

■ 168.1130, 42.8353,
74.4459

■ 228.5850, 13.0226,
23.1660

■ 152.8510, 50.3595,
87.8307

■ 243.8470, 5.4984,
9.7812

■ 138.1760, 57.5942,
100.7006

■ 255.0000, 0.0000,
0.0000

■ 122.9140, 65.1184,
114.0854

■ 107.9400, 72.5006,
126.3406

■ 104.4180, 74.2369,
129.4294

Harmonies

Analogous

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



190.3330, 31.8808, -5.5540



198.3490, 27.9289, 48.8059



184.3880, 8.6827, 61.9267

Triad

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



198.3490, 27.9289, 48.8059



187.4310, -53.9495, 37.3330



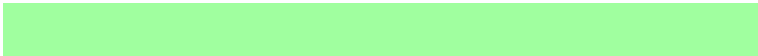
156.5000, 41.1655, -137.2505

Complementary

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



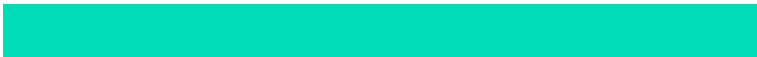
198.3490, 27.9289, 48.8059



215.6510, -27.9289, -48.8059

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.



150.0020, 16.2680, -131.5518



198.3490, 27.9289, 48.8059



182.4040, -46.5412, -5.6163

Square

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



198.3490, 27.9289, 48.8059



185.9020, -41.3637, 60.5989



172.6050, -21.4973, -58.4126



154.6880, 49.4538, -135.6614

Rectangle

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



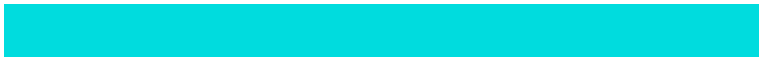
198.3490, 27.9289, 48.8059



180.7570, -7.7682, 65.1111



172.6050, -21.4973, -58.4126



154.4480, 33.3031, -135.4509

Sweetspot

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



198.3490, 27.9289, 48.8059



238.5640, 8.1029, 14.4144



171.1180, 41.3538, -10.6275



117.7220, 5.0671, 8.1368



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.



198.3490, 27.9289, 48.8059



187.1960, 33.4274, 58.5871



193.4040, 7.6888, 54.0197



120.0700, 3.9095, 6.0776



78.2850, 55.5685, 97.0971



26.1330, 18.6684, 32.3324

Inverse Universe

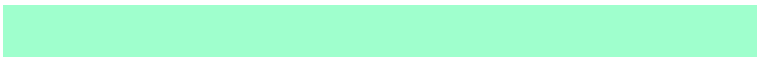
The Inverse Universe completely reimagines the original color for something new.



187.8180, -13.7143, 58.9186



174.4990, -16.5150, 70.5994



220.5960, -7.6888, -54.0197



118.8870, -1.9163, 7.9921



57.3370, -27.2811, 117.2225



19.2500, -8.9972, 39.2458

Previews

White Background



This preview shows how the YUV color 198.3490, 27.9289, 48.8059 looks on a white background.

Color Contrast Check

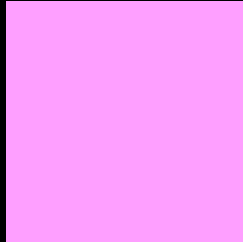
Large Text (above 18pt) WCAG AA × Fail

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 198.3490, 27.9289, 48.8059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

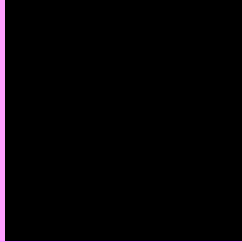
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 198.3490, 27.9289, 48.8059

Background



This preview shows how black text looks on a background with the YUV color 198.3490, 27.9289, 48.8059.



This preview shows how white text looks on a background with the YUV color 198.3490, 27.9289,

48.8059.

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

198.3490, 27.9289, 48.8059

Protanopia

193.2130, 30.4610, -16.8498

Deuteranopia

194.3340, 26.9503, -10.8169



Tritanopia

196.1240, -4.4981, 42.8643

Trichromacy



Original Color

198.3490, 27.9289, 48.8059



Protanomaly

194.8400, 29.6589, 7.1563



Deuteranomaly

195.8790, 27.1747, 10.6301



Tritanomaly

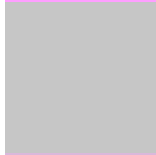
196.9360, 7.4266, 44.7831

Monochromacy



Original Color

198.3490, 27.9289, 48.8059



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.1560, 10.2761, 17.4032

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.3490, 27.9289, 48.8059 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(254, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 159, 255)  
}
```

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(254, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 159, 255) }
```

Border

The CSS property to change the border of an element to YUV 198.3490, 27.9289, 48.8059 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(254, 159, 255) }
```


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

```
.border{ border-color:rgb(254, 159, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 159, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 159, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 159,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 198.3490, 27.9289, 48.8059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 159, 255) }
```

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

```
.background{ background-color: rgb(254,  
159, 255) }
```

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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