

Converting Colors

YUV(195.4800, 25.8924,
48.6910)

Have a look what the booklet for
YUV(195.4800, 25.8924, 48.6910)
contains.

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Color

**YUV(195.4800, 25.8924,
48.6910)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9DF8
RGB	251, 157, 248
RGB Percent	98%, 62%, 97%
CMY	0.0157, 0.3843, 0.0275
CMYK	0.00, 0.37, 0.01, 0.02
HSL	302°, 92%, 80%
HSV	302°, 37%, 98%
XYZ	68.7839, 51.4005, 95.1029
YIQ	195.4800, 26.8130, 48.2290

Conversions

Conversions Part 2

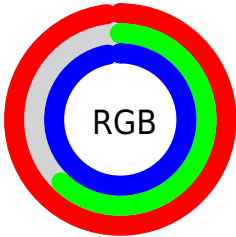
Format	Color
R _{YB}	251, 157, 248
Decimal	16489976
CIE Lab	76.92, 48.38, -30.97
CIE LCh	77, 57.446, 327.375
Yxy	51.4005, 0.3195, 0.2388
Android (android.graphics.Color)	4294680056 (0xFFFB9DF8)
YUV	195.4800, 25.8924, 48.6910
Hunter-Lab	71.6941, 45.7896, -28.4628

Details

The YUV color **195.4800, 25.8924, 48.6910** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **212.5200, -25.8924, -48.6910**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3460, 12.1544, 21.6216**, and **139.9420, 25.1716, 46.5319** is the 20% darker color. If you saturate the color by 10%, you get **180.6910, 32.6903, 61.6610**, and if you desaturate by 10%, it is **210.2690, 19.0944, 35.7211**.

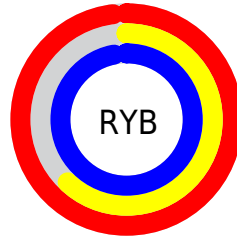
Distribution



Red (98%)

Green (62%)

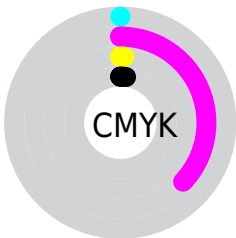
Blue (97%)



Red (98%)

Yellow (62%)

Blue (97%)

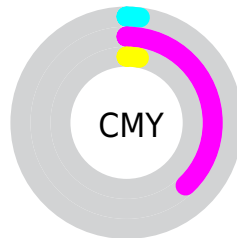


Cyan (0%)

Magenta (37%)

Yellow (1%)

Black (2%)



Cyan (2%)


Magenta (38%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 195.4800, 25.8924, 48.6910 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 195.4800, 25.8924, 48.6910 by changing the saturation by 10% instead.


 195.4800, 25.8924,
48.6910

 195.4800, 25.8924,
48.6910


255.0000, 0.0000,
0.0000


 167.6540, 25.3136,
47.6614


 230.3460, 12.1544,
21.6216


 139.9420, 25.1716,
46.5319

 247.3690, 3.7621,
6.6924

 113.2300, 25.0296,
45.4023

 86.6320, 25.3244,
44.1727

 58.5720, 26.3400,
45.1024

 35.0340, 25.6192,
42.9432

 24.5240, 18.9687,

29.3585

■ 15.4380, 12.6021,
18.0329

■ 2.6390, 7.5730,
-2.3144

■ 195.4800, 25.8924,
48.6910

■ 195.4800, 25.8924,
48.6910

■ 180.6910, 32.6903,
61.6610

■ 210.2690, 19.0944,
35.7211

■ 165.9020, 39.4883,
74.6309

■ 225.0580, 12.2964,
22.7511

■ 151.2270, 46.7231,
87.5009

■ 239.7330, 5.0616,
9.8812

■ 136.4380, 53.5211,
100.4709

■ 253.3480, -1.1576,
-2.0592

■ 121.0620, 60.6084,
113.9556

■ 253.4620, -0.7208,
-2.1592

■ 106.2730, 67.4064,
126.9256

■ 253.5760, -0.2840,
-2.2592

■ 102.7510, 69.1428,
130.0144

■ 253.6900, 0.1528,
-2.3591

■ 253.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



188.8710, 32.6016, -3.3949



195.4800, 25.8924, 48.6910



183.8180, 6.4987, 62.4266

Triad

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



195.4800, 25.8924, 48.6910



184.9900, -51.7601, 35.0888



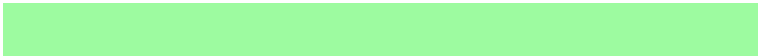
153.8100, 41.0127, -134.8914

Complementary

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



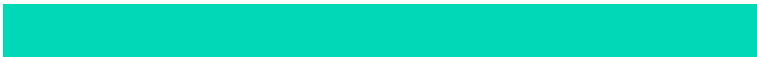
195.4800, 25.8924, 48.6910



212.5200, -25.8924, -48.6910

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.



147.6540, 17.4256, -129.4926



195.4800, 25.8924, 48.6910



179.7890, -43.7730, -6.8310

Square

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



195.4800, 25.8924, 48.6910



185.2010, -41.5111, 61.2137



169.7730, -19.6081, -57.6829



152.3400, 50.6114, -133.6022

Rectangle

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



195.4800, 25.8924, 48.6910



179.7140, -9.2260, 66.0258



169.7730, -19.6081, -57.6829



152.4590, 33.2977, -133.7065

Sweetspot

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



195.4800, 25.8924, 48.6910



238.4500, 7.6662, 14.5144



168.3140, 40.7642, -8.1684



117.9070, 4.4828, 8.8516



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.



195.4800, 25.8924, 48.6910



187.0390, 31.5328, 59.6018



190.2360, 5.7997, 53.2900



117.3690, 3.7621, 6.6924



77.3730, 52.0741, 97.8969



24.9650, 16.7793, 31.6027

Inverse Universe

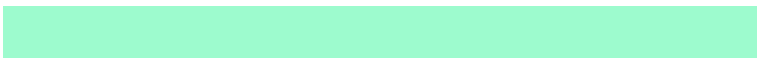
The Inverse Universe completely reimagines the original color for something new.



195.4800, 25.8924, 48.6910



187.0390, 31.5328, 59.6018



217.7640, -5.7997, -53.2900



117.3690, 3.7621, 6.6924



77.3730, 52.0741, 97.8969



24.9650, 16.7793, 31.6027

Previews

White Background



This preview shows how the YUV color 195.4800, 25.8924, 48.6910 looks on a white background.

Color Contrast Check

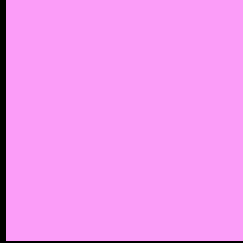
Large Text (above 18pt) WCAG AA × Fail

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 195.4800, 25.8924, 48.6910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

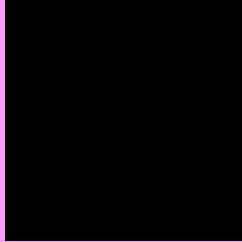
Any Text WCAG AA ✓ Pass

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 195.4800, 25.8924, 48.6910 Background



This preview shows how black text looks on a background with the YUV color 195.4800, 25.8924, 48.6910.



This preview shows how white text looks on a background with the YUV color 195.4800, 25.8924,

48.6910.

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

195.4800, 25.8924, 48.6910

Protanopia

190.2560, 31.9188, -17.7645

Deuteranopia

191.5900, 25.3451, -9.2874



Tritanopia

193.3090, -5.0823, 43.5790

Trichromacy



Original Color

195.4800, 25.8924, 48.6910



Protanomaly

192.1280, 29.5169, 6.0267



Deuteranomaly

192.8360, 25.7169, 11.5448



Tritanomaly

194.0070, 6.4055, 45.5979

Monochromacy



Original Color

195.4800, 25.8924, 48.6910



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

194.9280, 9.4025, 17.6031

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.4800, 25.8924, 48.6910 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(251, 157, 248)` looks like.

```
.text, #text, p{  
    color:rgb(251, 157, 248)  
}
```

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(251, 157, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 157, 248) }
```

Border

The CSS property to change the border of an element to YUV 195.4800, 25.8924, 48.6910 is called "border". The border property can be set on classes, ids or directly on the HTML element.

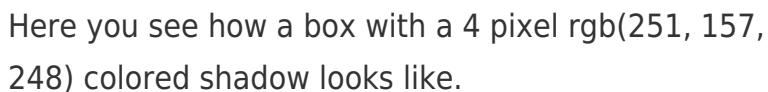
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 157, 248) }
```


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

```
.border{ border-color:rgb(251, 157, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(251, 157, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 157, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 157, 248); box-shadow:4px 4px 4px 4px rgb(251, 157, 248) }
```

Background

The CSS property to change the background color of an element to YUV 195.4800, 25.8924, 48.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 157, 248) }
```

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

```
.background{ background-color: rgb(251,  
157, 248) }
```

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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