

# Converting Colors

YUV(194.4980, 18.4885,  
43.4133)

Have a look what the booklet for  
YUV(194.4980, 18.4885, 43.4133)  
contains.

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# Color

**YUV(194.4980, 18.4885,  
43.4133)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4A2E8
RGB	244, 162, 232
RGB Percent	96%, 64%, 91%
CMY	0.0431, 0.3647, 0.0902
CMYK	0.00, 0.34, 0.05, 0.04
HSL	309°, 79%, 80%
HSV	309°, 34%, 96%
XYZ	64.7940, 50.9000, 82.7536
YIQ	194.4980, 26.4020, 39.1540

# Conversions

## Conversions Part 2

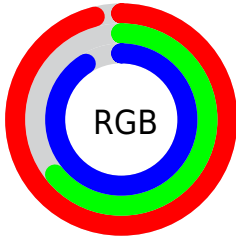
Format	Color
<a href="#">RYB</a>	<a href="#">244, 162, 232</a>
Decimal	<a href="#">16032488</a>
CIELab	<a href="#">76.62, 40.83, -22.83</a>
CIELCh	<a href="#">77, 46.783, 330.789</a>
Yxy	<a href="#">50.9000, 0.3265, 0.2565</a>
Android (android.graphics.Color)	<a href="#">4294222568</a> ( <a href="#">0xFFFF4A2E8</a> )
YUV	<a href="#">194.4980, 18.4885, 43.4133</a>
Hunter-Lab	<a href="#">71.3442, 37.2594, -18.8307</a>

# Details

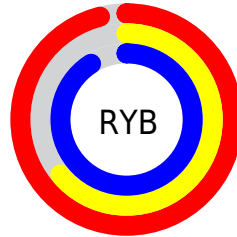
The YUV color **194.4980, 18.4885, 43.4133** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **211.5020, -18.4885, -43.4133**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.2810, 10.7075, 19.0476**, and **139.9600, 17.7677, 41.2541** is the 20% darker color. If you saturate the color by 10%, you get **179.9540, 23.6867, 56.1683**, and if you desaturate by 10%, it is **209.0420, 13.2903, 30.6582**.

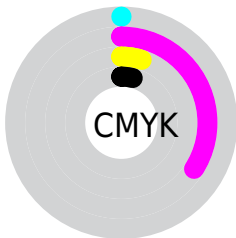
# Distribution



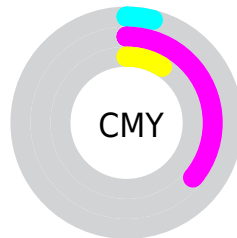
- Red (96%)
- Green (64%)
- Blue (91%)



- Red (96%)
- Yellow (64%)
- Blue (91%)



- Cyan (0%)
- Magenta (34%)
- Yellow (5%)
- Black (4%)




- Cyan (4%)
- Magenta (36%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 194.4980, 18.4885, 43.4133 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 194.4980, 18.4885, 43.4133 by changing the saturation by 10% instead.





 194.4980, 18.4885,  
43.4133

 194.4980, 18.4885,  
43.4133


255.0000, 0.0000,  
0.0000


 166.7860, 18.3465,  
42.2837


 233.2810, 10.7075,  
19.0476


 139.9600, 17.7677,  
41.2541

 250.3040, 2.3151,  
4.1184

 113.2480, 17.6257,  
40.1245

 87.5360, 17.4838,  
38.9949

 61.3510, 18.0680,  
38.2802

 33.5300, 19.9517,  
40.7542

 22.2590, 14.1693,

28.7139

■ 12.9880, 8.3869,  
16.6735

■ 0.0000, 0.0000,  
0.0000

■ 194.4980, 18.4885,  
43.4133

■ 194.4980, 18.4885,  
43.4133

■ 179.9540, 23.6867,  
56.1683

■ 209.0420, 13.2903,  
30.6582

■ 164.9370, 29.6111,  
69.3383

■ 224.0590, 7.3659,  
17.4883

■ 150.3930, 34.8093,  
82.0933

■ 238.6030, 2.1677,  
4.7332

■ 135.3760, 40.7336,  
95.2632

■ 250.6850, -2.3097,  
-5.8627

■ 120.8320, 45.9318,  
108.0183

■ 251.1410, -0.5625,  
-6.2627

■ 106.4020, 51.5668,  
120.6734

■ 251.4830, 0.7479,  
-6.5626

■ 96.6680, 54.8867,  
129.2102

■ 251.7110, 1.6215,  
-6.7625

# Harmonies

## Analogous

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



191.2740, 31.4169, 3.2677



194.4980, 18.4885, 43.4133



188.3030, 0.8366, 58.4933

# Triad

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



194.4980, 18.4885, 43.4133



185.5680, -41.6920, 25.8119



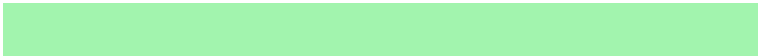
150.3050, 40.2756, -131.8175

# Complementary

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



194.4980, 18.4885, 43.4133



211.5020, -18.4885, -43.4133

# 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.



156.4550, 16.0447, -106.5160



194.4980, 18.4885, 43.4133



181.1120, -33.5792, -9.7452

# Square

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



194.4980, 18.4885, 43.4133



188.7100, -36.8320, 53.7513



173.6090, -14.1042, -49.6461



149.4050, 52.0583, -131.0282



# Rectangle

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



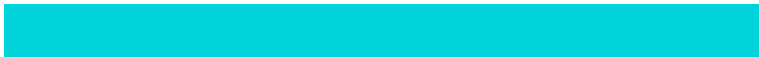
194.4980, 18.4885, 43.4133



186.1710, -12.4093, 60.3630



173.6090, -14.1042, -49.6461



148.7090, 34.1605, -130.4178

# Sweetspot

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



194.4980, 18.4885, 43.4133



239.8690, 5.4876, 13.2699



174.6370, 34.1960, -1.4356



118.2660, 3.3199, 8.5367



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.



194.4980, 18.4885, 43.4133



193.4160, 22.9659, 54.0092



189.9380, 1.0166, 47.4124



114.8420, 3.0359, 6.2776



73.7400, 42.0332, 98.4520



23.3410, 13.1429, 31.2729



# Inverse Universe

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



194.4980, 18.4885, 43.4133



193.4160, 22.9659, 54.0092



216.0620, -1.0166, -47.4124



114.8420, 3.0359, 6.2776



73.7400, 42.0332, 98.4520



23.3410, 13.1429, 31.2729



# Previews

## White Background



This preview shows how the YUV color 194.4980, 18.4885, 43.4133 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

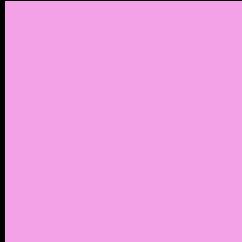
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 194.4980, 18.4885, 43.4133 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

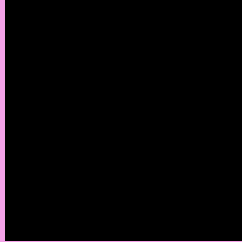
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 194.4980, 18.4885, 43.4133

## Background



This preview shows how black text looks on a background with the YUV color 194.4980, 18.4885, 43.4133.



This preview shows how white text looks on a background with the YUV color 194.4980, 18.4885,



# 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

194.4980, 18.4885, 43.4133

### Protanopia

189.6970, 29.7294, -15.5203

### Deuteranopia

191.0980, 18.1927, -1.8399



## **Tritanopia**

192.5150, -4.1979, 39.8903

# Trichromacy



## Original Color

194.4980, 18.4885, 43.4133



## Protanomaly

191.3900, 25.4437, 5.7970



## Deuteranomaly

192.4960, 17.9965, 14.4740



## Tritanomaly

193.2900, 3.8010, 40.9647

# Monochromacy



## Original Color

194.4980, 18.4885, 43.4133



## Achromatopsia

194.0000, 0.0000, 0.0000



## Achromatomaly

193.9340, 6.9345, 15.8439

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 194.4980, 18.4885, 43.4133 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(244, 162, 232)` looks like.

```
.text, #text, p{  
    color:rgb(244, 162, 232)  
}
```

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(244, 162, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 162, 232) }
```

## Border

The CSS property to change the border of an element to YUV 194.4980, 18.4885, 43.4133 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(244, 162, 232) }
```



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

```
.border{ border-color:rgb(244, 162, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 162, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 162, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 162, 232);  
box-shadow:4px 4px 4px 4px rgb(244, 162,  
232) }
```

# Background

The CSS property to change the background color of an element to YUV 194.4980, 18.4885, 43.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 162, 232) }
```

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

```
.background{ background-color: rgb(244,  
162, 232) }
```

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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