

Converting Colors

YUV(194.3170, -13.9603,
44.4490)

Have a look what the booklet for
YUV(194.3170, -13.9603, 44.4490)
contains.

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Color

**YUV(194.3170, -13.9603,
44.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	F5AEA6
RGB	245, 174, 166
RGB Percent	96%, 68%, 65%
CMY	0.0392, 0.3176, 0.3490
CMYK	0.00, 0.29, 0.32, 0.04
HSL	6°, 80%, 81%
HSV	6°, 32%, 96%
XYZ	59.6752, 52.4378, 43.0527
YIQ	194.3170, 44.8840, 12.5640

Conversions

Conversions Part 2

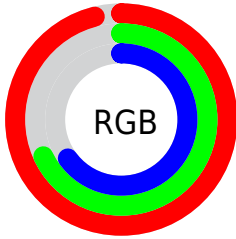
Format	Color
R _Y B	245, 175, 166
Decimal	16101030
CIE Lab	77.54, 24.94, 14.48
CIE LCh	78, 28.845, 30.142
Yxy	52.4378, 0.3846, 0.3379
Android (android.graphics.Color)	4294291110 (0xFFF5AEA6)
YUV	194.3170, -13.9603, 44.4490
Hunter-Lab	72.4139, 20.3747, 15.4397

Details

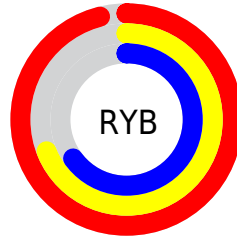
The YUV color $194.3170, -13.9603, 44.4490$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $216.6830, 13.9603, -44.4490$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.4490, -7.6164, 16.2692$, and $139.9360, -12.7864, 41.2751$ is the 20% darker color. If you saturate the color by 10%, you get $178.6670, -18.0768, 58.1740$, and if you desaturate by 10%, it is $210.0810, -9.4069, 30.6240$.

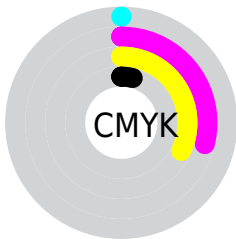
Distribution



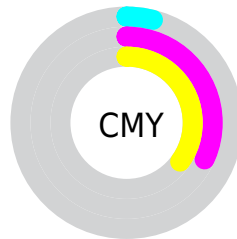
- Red (96%)
- Green (68%)
- Blue (65%)



- Red (96%)
- Yellow (69%)
- Blue (65%)



- Cyan (0%)
- Magenta (29%)
- Yellow (32%)
- Black (4%)



- Cyan (4%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.3170, -13.9603, 44.4490 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 194.3170, -13.9603, 44.4490 by changing the saturation by 10% instead.

194.3170,
-13.9603, 44.4490

194.3170,
-13.9603, 44.4490

255.0000, 0.0000,
0.0000

166.8330,
-13.2287, 43.1195

236.4490, -7.6164,
16.2692

139.9360,
-12.7864, 41.2751

254.4300, -2.1840,
0.4999

114.1530,
-11.9074, 39.3308

89.2560, -11.4652,
37.4865

64.5870, -10.1494,
35.4422

40.9180, -8.8336,
33.3979

17.9070, -8.8282,

31.6536

■ 8.4860, -3.6906,
17.1138

■ 0.0000, 0.0000,
0.0000

■ 194.3170,
-13.9603, 44.4490

■ 194.3170,
-13.9603, 44.4490

■ 178.6670,
-18.0768, 58.1740

■ 210.0810, -9.4069,
30.6240

■ 162.9030,
-22.6302, 71.9991

■ 225.7310, -5.2904,
16.8989

■ 147.2530,
-26.7467, 85.7241

■ 241.4950, -0.7370,
3.0739

■ 131.4890,
-31.3001, 99.5491

■ 252.0100, 1.4741,
-6.1478

■ 115.8390,
-35.4166, 113.2742

■ 100.0750,
-39.9700, 127.0992

■ 87.9300, -43.3495,
137.7504

Harmonies

Analogous

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



195.5090, -1.7299, 41.6496



194.3170, -13.9603, 44.4490



192.5580, -22.9531, 35.4676

Triad

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



194.3170, -13.9603, 44.4490



183.5930, -9.6593, -28.5841



189.0500, 27.5833, -27.2309

Complementary

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



194.3170, -13.9603, 44.4490



216.6830, 13.9603, -44.4490

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.



182.3800, 26.9277, -50.3223



194.3170, -13.9603, 44.4490



180.3590, 5.2460, -49.4268

Square

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



194.3170, -13.9603, 44.4490



187.1740, -20.7918, -4.5376



178.8490, 18.8084, -59.5036



194.3310, 21.5288, 1.4637

Rectangle

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



194.3170, -13.9603, 44.4490



191.0960, -25.6833, 24.4718



178.8490, 18.8084, -59.5036



187.1090, 28.0473, -36.0526

Sweetspot

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



194.3170, -13.9603, 44.4490



238.6490, -4.2640, 14.3398



197.7150, 19.3675, 41.4689



117.9580, -2.9373, 8.8068



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.



194.3170, -13.9603, 44.4490



191.4710, -17.4872, 55.7149



217.2100, -25.2465, 24.3718



114.1750, -2.0583, 6.8625



66.7670, -32.9161, 104.5673



21.1630, -10.4334, 33.1830

Inverse Universe

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



216.6830, 13.9603, -44.4490



219.5290, 17.4872, -55.7149



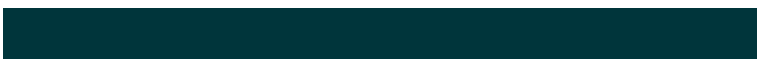
193.7900, 25.2465, -24.3718



117.8250, 2.0583, -6.8625



119.2330, 32.9161, -104.5673



37.8370, 10.4334, -33.1830

Previews

White Background



This preview shows how the YUV color 194.3170, -13.9603, 44.4490 looks on a white background.

Color Contrast Check

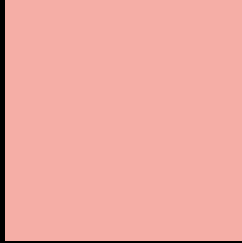
Large Text (above 18pt) WCAG AA × Fail

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 194.3170, -13.9603, 44.4490 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 194.3170, -13.9603, 44.4490

Background



This preview shows how black text looks on a background with the YUV color 194.3170, -13.9603, 44.4490.



This preview shows how white text looks on a background with the YUV color 194.3170, -13.9603, 44.4490.

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

194.3170, -13.9603, 44.4490

Protanopia

191.5680, -8.1680, 6.5179

Deuteranopia

193.0710, -14.3320, 23.6167



Tritanopia

195.2060, -5.5246, 45.4233

Trichromacy



Original Color

194.3170, -13.9603, 44.4490

Protanomaly

192.7870, -10.2480, 20.3578

Deuteranomaly

193.5280, -14.0643, 31.1089

Tritanomaly

194.6960, -8.7241, 44.9936

Monochromacy



Original Color

194.3170, -13.9603, 44.4490

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.4320, -5.1430, 16.2841

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.3170, -13.9603, 44.4490 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(245, 174, 166)` looks like.

```
.text, #text, p{  
    color:rgb(245, 174, 166)  
}
```

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(245, 174, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 174, 166) }
```

Border

The CSS property to change the border of an element to YUV 194.3170, -13.9603, 44.4490 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(245, 174, 166) }
```


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

```
.border{ border-color:rgb(245, 174, 166) }
```

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

Here you see how a box with a 4 pixel rgb(245, 174, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 174, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 174, 166);  
box-shadow:4px 4px 4px 4px rgb(245, 174,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 194.3170, -13.9603, 44.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 174, 166) }
```

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

```
.background{ background-color: rgb(245,  
174, 166) }
```

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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