

Converting Colors

YUV(194.1600, -15.8549,
45.4637)

Have a look what the booklet for
YUV(194.1600, -15.8549, 45.4637)
contains.

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Color

**YUV(194.1600, -15.8549,
45.4637)**

Conversions

Conversions Part 1

Format	Color
Hex	F6AEA2
RGB	246, 174, 162
RGB Percent	96%, 68%, 64%
CMY	0.0353, 0.3176, 0.3647
CMYK	0.00, 0.29, 0.34, 0.04
HSL	9°, 82%, 80%
HSV	9°, 34%, 96%
XYZ	59.6637, 52.4736, 41.1662
YIQ	194.1600, 46.7640, 11.5320

Conversions

Conversions Part 2

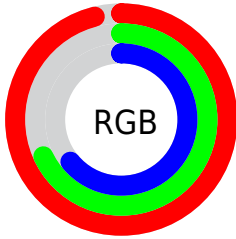
Format	Color
R _Y B	246, 176, 162
Decimal	16166562
CIE Lab	77.56, 24.83, 16.70
CIE LCh	78, 29.918, 33.924
Yxy	52.4736, 0.3892, 0.3423
Android (android.graphics.Color)	4294356642 (0xFFF6AEA2)
YUV	194.1600, -15.8549, 45.4637
Hunter-Lab	72.4386, 20.2529, 17.0131

Details

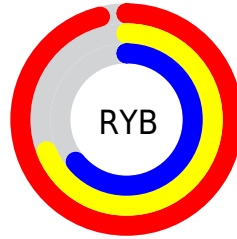
The YUV color $194.1600, -15.8549, 45.4637$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $213.8400, 15.8549, -45.4637$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.9930, -9.3635, 16.6691$, and $139.7790, -14.6810, 42.2898$ is the 20% darker color. If you saturate the color by 10%, you get $178.9830, -20.6976, 58.7739$, and if you desaturate by 10%, it is $209.3370, -11.0121, 32.1535$.

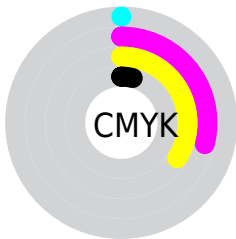
Distribution



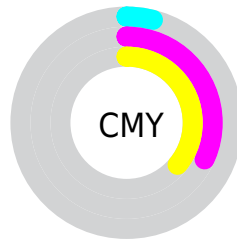
- Red (96%)
- Green (68%)
- Blue (64%)



- Red (96%)
- Yellow (69%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (34%)
- Black (4%)



- Cyan (4%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.1600, -15.8549, 45.4637 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 194.1600, -15.8549, 45.4637 by changing the saturation by 10% instead.

194.1600,
-15.8549, 45.4637

194.1600,
-15.8549, 45.4637

255.0000, 0.0000,
0.0000

166.6760,
-15.1233, 44.1341

235.9930, -9.3635,
16.6691

139.7790,
-14.6810, 42.2898

253.8600, -4.3680,
0.9998

113.9960,
-13.8020, 40.3455

88.9140, -12.7756,
37.7864

64.2450, -11.4598,
35.7421

40.5760, -10.1440,
33.6978

17.9070, -8.8282,

31.6536

■ 8.4860, -3.6906,
17.1138

■ 0.0000, 0.0000,
0.0000

■ 194.1600,
-15.8549, 45.4637

■ 194.1600,
-15.8549, 45.4637

■ 178.9830,
-20.6976, 58.7739

■ 209.3370,
-11.0121, 32.1535

■ 163.9200,
-25.1036, 71.9842

■ 224.4000, -6.6062,
18.9432

■ 148.7430,
-29.9463, 85.2944

■ 239.5770, -1.7635,
5.6330

■ 133.6800,
-34.3522, 98.5046

■ 252.3090, 1.3267,
-5.5330

■ 118.5030,
-39.1950, 111.8149

■ 102.7390,
-43.7483, 125.6399

■ 94.0990, -46.3908,
133.2172

Harmonies

Analogous

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



195.4770, -3.1932, 44.3087



194.1600, -15.8549, 45.4637



192.5040, -24.4055, 34.6380

Triad

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



194.1600, -15.8549, 45.4637



182.9130, -8.3381, -32.3727



189.8870, 28.1567, -24.4569

Complementary

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



194.1600, -15.8549, 45.4637



213.8400, 15.8549, -45.4637

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.



182.8360, 28.6749, -50.7222



194.1600, -15.8549, 45.4637



178.9070, 7.4408, -53.4154

Square

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



194.1600, -15.8549, 45.4637



186.5650, -20.4915, -7.5115



178.2230, 21.5821, -62.4626



194.6520, 21.3706, 5.5672

Rectangle

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



194.1600, -15.8549, 45.4637



190.8570, -26.5515, 22.9274



178.2230, 21.5821, -62.4626



187.6470, 28.7680, -33.8934

Sweetspot

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



194.1600, -15.8549, 45.4637



239.2360, -4.5533, 13.8250



195.4380, 19.5041, 44.3429



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.



194.1600, -15.8549, 45.4637



190.2000, -19.8186, 56.8296



218.2270, -27.7199, 24.3569



114.7620, -2.3477, 6.3477



71.4630, -35.2313, 100.4489



22.3370, -11.0121, 32.1535

Inverse Universe

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



213.8400, 15.8549, -45.4637



214.8000, 19.8186, -56.8296



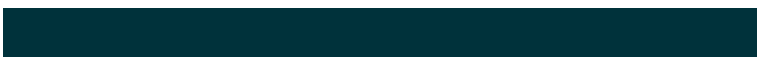
189.7730, 27.7199, -24.3569



117.8250, 2.0583, -6.8625



115.1240, 34.9419, -100.9637



36.0760, 11.3015, -31.6387

Previews

White Background



This preview shows how the YUV color 194.1600, -15.8549, 45.4637 looks on a white background.

Color Contrast Check

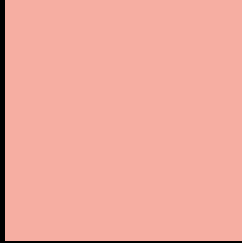
Large Text (above 18pt) WCAG AA × Fail

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 194.1600, -15.8549, 45.4637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

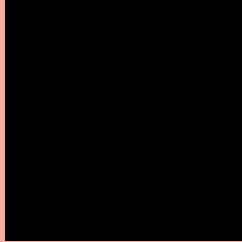
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.1600, -15.8549, 45.4637

Background



This preview shows how black text looks on a background with the YUV color 194.1600, -15.8549, 45.4637.



This preview shows how white text looks on a background with the YUV color 194.1600, -15.8549,

45.4637.

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

194.1600, -15.8549, 45.4637

Protanopia

191.4110, -10.0626, 7.5326

Deuteranopia

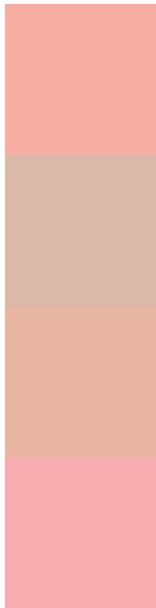
193.2130, -16.3740, 25.2462



Tritanopia

195.5050, -5.6720, 46.0381

Trichromacy



Original Color

194.1600, -15.8549, 45.4637

Protanomaly

192.6300, -12.1426, 21.3725

Deuteranomaly

193.6700, -16.1063, 32.7384

Tritanomaly

194.8810, -9.3083, 45.7084

Monochromacy



Original Color

194.1600, -15.8549, 45.4637

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.2040, -6.0166, 16.4841

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.1600, -15.8549, 45.4637 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(246, 174, 162)` looks like.

```
.text, #text, p{  
    color:rgb(246, 174, 162)  
}
```

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(246, 174, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 174, 162) }
```

Border

The CSS property to change the border of an element to YUV 194.1600, -15.8549, 45.4637 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(246, 174, 162) }
```


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

```
.border{ border-color:rgb(246, 174, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 174, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 174, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 174, 162);  
box-shadow:4px 4px 4px 4px rgb(246, 174,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 194.1600, -15.8549, 45.4637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 174, 162) }
```

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

```
.background{ background-color: rgb(246,  
174, 162) }
```

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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