

Converting Colors

YUV(189.4000, -16.4662,
54.9002)

Have a look what the booklet for
YUV(189.4000, -16.4662, 54.9002)
contains.

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Color

**YUV(189.4000, -16.4662,
54.9002)**

Conversions

Conversions Part 1

Format	Color
Hex	FCA49C
RGB	252, 164, 156
RGB Percent	99%, 64%, 61%
CMY	0.0118, 0.3569, 0.3882
CMYK	0.00, 0.35, 0.38, 0.01
HSL	5°, 94%, 80%
HSV	5°, 38%, 99%
XYZ	59.4211, 49.6467, 37.9034
YIQ	189.4000, 55.0160, 16.1680

Conversions

Conversions Part 2

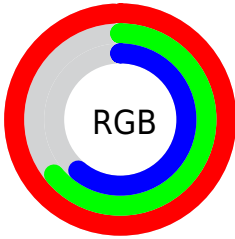
Format	Color
R _Y B	252, 165, 156
Decimal	16557212
CIE Lab	75.85, 31.62, 17.67
CIE LCh	76, 36.225, 29.201
Yxy	49.6467, 0.4043, 0.3378
Android (android.graphics.Color)	4294747292 (0xFFFC49C)
YUV	189.4000, -16.4662, 54.9002
Hunter-Lab	70.4604, 27.2280, 17.4278

Details

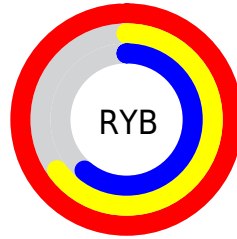
The YUV color $189.4000, -16.4662, 54.9002$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $218.6000, 16.4662, -54.9002$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.3250, -9.5272, 22.5170$, and $134.8340, -14.7082, 51.0116$ is the 20% darker color. If you saturate the color by 10%, you get $173.0490, -20.7302, 69.2400$, and if you desaturate by 10%, it is $205.7510, -12.2022, 40.5604$.

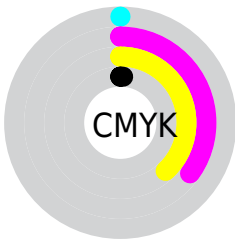
Distribution



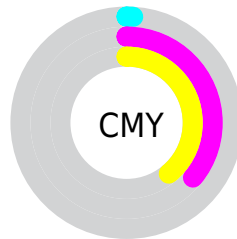
- Red (99%)
- Green (64%)
- Blue (61%)



- Red (99%)
- Yellow (65%)
- Blue (61%)



- Cyan (0%)
- Magenta (35%)
- Yellow (38%)
- Black (1%)



- Cyan (1%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.4000, -16.4662, 54.9002 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 189.4000, -16.4662, 54.9002 by changing the saturation by 10% instead.

189.4000,
-16.4662, 54.9002

189.4000,
-16.4662, 54.9002

255.0000, 0.0000,
0.0000

161.6170,
-15.5872, 52.9559

229.3250, -9.5272,
22.5170

134.8340,
-14.7082, 51.0116

249.0670, -4.9630,
5.2032

108.7520,
-13.6817, 48.4525

83.0830, -12.3659,
46.4082

58.4140, -11.0501,
44.3639

33.2720, -9.0081,
42.7345

16.7440, -8.2548,

34.4275

■ 8.1870, -3.5432,
16.4990

■ 0.0000, 0.0000,
0.0000

■ 189.4000,
-16.4662, 54.9002

■ 189.4000,
-16.4662, 54.9002

■ 173.0490,
-20.7302, 69.2400

■ 205.7510,
-12.2022, 40.5604

■ 156.6980,
-24.9941, 83.5799

■ 222.1020, -7.9383,
26.2205

■ 140.2330,
-29.6949, 98.0197

■ 238.5670, -3.2375,
11.7807

■ 123.8820,
-33.9588, 112.3595

■ 254.1030, 0.4422,
-1.8443

■ 107.5310,
-38.2228, 126.6993

■ 90.5930, -42.1973,
141.5539

■ 87.6750, -43.2238,
144.1130

Harmonies

Analogous

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



191.3900, -1.1783, 51.4010



189.4000, -16.4662, 54.9002



187.6470, -27.9270, 44.1596

Triad

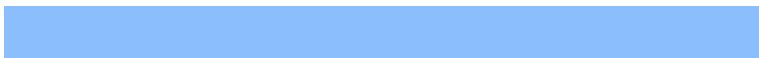
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189.4000, -16.4662, 54.9002



176.5660, -12.1110, -35.5764



181.9330, 35.0360, -37.6522

Complementary

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



189.4000, -16.4662, 54.9002



218.6000, 16.4662, -54.9002

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.



171.1260, 35.4339, -72.0245



189.4000, -16.4662, 54.9002



170.1290, 7.3314, -65.0111

Square

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



189.4000, -16.4662, 54.9002



181.6810, -26.4647, -4.9822



164.9320, 26.1625, -85.0094



189.8130, 27.2072, 0.1640

Rectangle

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



189.4000, -16.4662, 54.9002



186.1200, -32.1042, 30.5898



164.9320, 26.1625, -85.0094



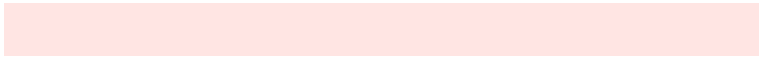
179.0840, 35.9476, -50.0627

Sweetspot

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



189.4000, -16.4662, 54.9002



236.5460, -4.7062, 16.1842



194.7360, 24.2872, 50.2205



116.6700, -2.7953, 9.9364



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.



189.4000, -16.4662, 54.9002



178.2660, -19.8511, 67.2957



217.5760, -30.3570, 30.1898



116.4740, -2.2057, 7.4773



65.9030, -32.4902, 107.9561



21.1740, -10.4388, 34.9274

Inverse Universe

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



218.6000, 16.4662, -54.9002



214.1470, 20.1405, -66.7809



190.4240, 30.3570, -30.1898



120.5260, 2.2057, -7.4773



123.0970, 32.4902, -107.9561



39.8260, 10.4388, -34.9274

Previews

White Background



This preview shows how the YUV color 189.4000, -16.4662, 54.9002 looks on a white background.

Color Contrast Check

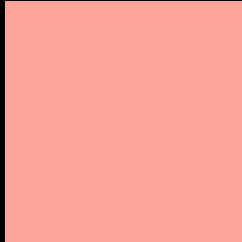
Large Text (above 18pt) WCAG AA × Fail

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 189.4000, -16.4662, 54.9002 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 189.4000, -16.4662, 54.9002

Background



This preview shows how black text looks on a background with the YUV color 189.4000, -16.4662, 54.9002.



This preview shows how white text looks on a background with the YUV color 189.4000, -16.4662, 54.9002.

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

189.4000, -16.4662, 54.9002

Protanopia

187.1120, -9.9152, 6.9178

Deuteranopia

187.9850, -17.2476, 25.4462



Tritanopia

190.1750, -8.4673, 55.9745

Trichromacy



Original Color

189.4000, -16.4662, 54.9002

Protanomaly

188.2390, -12.4428, 24.3464

Deuteranomaly

188.4640, -16.9908, 36.4271

Tritanomaly

189.7790, -11.2300, 55.4448

Monochromacy



Original Color

189.4000, -16.4662, 54.9002

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.2260, -6.0274, 19.9728

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.4000, -16.4662, 54.9002 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(252, 164, 156)` looks like.

```
.text, #text, p{  
    color:rgb(252, 164, 156)  
}
```

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(252, 164, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 164, 156) }
```

Border

The CSS property to change the border of an element to YUV 189.4000, -16.4662, 54.9002 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(252, 164, 156) }
```


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

```
.border{ border-color:rgb(252, 164, 156) }
```

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

Here you see how a box with a 4 pixel rgb(252, 164, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 164, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 164, 156);  
box-shadow:4px 4px 4px 4px rgb(252, 164,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 189.4000, -16.4662, 54.9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 164, 156) }
```

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

```
.background{ background-color: rgb(252,  
164, 156) }
```

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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