

Converting Colors

YUV(189.0920, -16.3144,
6.0583)

Have a look what the booklet for
YUV(189.0920, -16.3144, 6.0583)
contains.

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Color

**YUV(189.0920, -16.3144,
6.0583)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C09C
RGB	196, 192, 156
RGB Percent	77%, 75%, 61%
CMY	0.2314, 0.2471, 0.3882
CMYK	0.00, 0.02, 0.20, 0.23
HSL	54°, 25%, 69%
HSV	54°, 20%, 77%
XYZ	47.6153, 51.8353, 38.9481
YIQ	189.0920, 13.9400, -10.3480

Conversions

Conversions Part 2

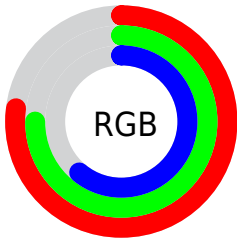
Format	Color
RYB	160, 196, 156
Decimal	12894364
CIELab	77.18, -4.54, 18.69
CIELCh	77, 19.230, 103.662
Yxy	51.8353, 0.3440, 0.3745
Android (android.graphics.Color)	4291084444 (0xFFC4C09C)
YUV	189.0920, -16.3144, 6.0583
Hunter-Lab	71.9968, -7.9427, 18.3236

Details

The YUV color $189.0920, -16.3144, 6.0583$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $162.9080, 16.3144, -6.0583$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.2770, -16.8986, 6.7731$, and $136.0210, -15.2934, 5.2436$ is the 20% darker color. If you saturate the color by 10%, you get $185.6380, -24.4715, 9.0875$, and if you desaturate by 10%, it is $192.5460, -8.1572, 3.0292$.

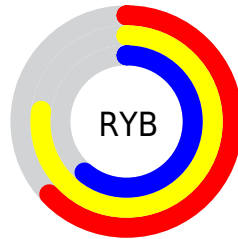
Distribution



Red (77%)

Green (75%)

Blue (61%)



Red (63%)

Yellow (77%)

Blue (61%)

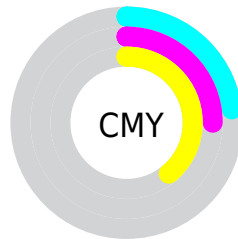


Cyan (0%)

Magenta (2%)

Yellow (20%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.0920, -16.3144, 6.0583 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 189.0920, -16.3144, 6.0583 by changing the saturation by 10% instead.

■ 189.0920,
-16.3144, 6.0583

■ 189.0920,
-16.3144, 6.0583

255.0000, 0.0000,
0.0000

■ 162.2060,
-15.8776, 5.9583

■ 245.2770,
-16.8986, 6.7731

■ 136.0210,
-15.2934, 5.2436

■ 253.1760, -6.9888,
1.5996

■ 110.1350,
-14.8566, 5.1436

■ 85.9500, -14.2724,
4.4288

■ 62.1780, -13.3988,
4.2289

■ 39.9930, -12.8145,
3.5141

■ 20.3780, -10.0464,

2.2995

0.0000, 0.0000,
0.0000

189.0920,
-16.3144, 6.0583

189.0920,
-16.3144, 6.0583

185.6380,
-24.4715, 9.0875

192.5460, -8.1572,
3.0292

182.2980,
-32.1919, 12.0167

195.8860, -0.4368,
0.1000

178.8440,
-40.3491, 15.0458

199.3400, 7.7204,
-2.9292

175.5040,
-48.0695, 17.9750

202.6800, 15.4408,
-5.8584

172.0500,
-56.2266, 21.0042

206.1340, 23.5979,
-8.8875

■ 168.5960,
-64.3838, 24.0333

■ 207.4220, 23.4560,
-10.0171

■ 165.2560,
-72.1042, 26.9625

■ 208.5960, 22.8772,
-11.0467

■ 161.9160,
-79.8246, 29.8917

■ 209.7700, 22.2984,
-12.0763

■ 210.9440, 21.7196,
-13.1059

Harmonies

Analogous

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



191.0660, -16.7945, 20.1131



189.0920, -16.3144, 6.0583



186.9590, -11.3188, -9.6110

Triad

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



189.0920, -16.3144, 6.0583



184.5640, 14.5119, -34.6976



193.7670, 3.5659, 23.0063

Complementary

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



189.0920, -16.3144, 6.0583



162.9080, 16.3144, -6.0583

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.



193.0410, 11.3188, 9.6110



189.0920, -16.3144, 6.0583



187.5420, 17.9738, -25.0313

Square

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



189.0920, -16.3144, 6.0583



183.9140, 6.9444, -34.1276



190.7120, 16.9040, -8.5174



193.5200, -5.1864, 30.2390

Rectangle

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



189.0920, -16.3144, 6.0583



185.3860, -5.6133, -19.6325



190.7120, 16.9040, -8.5174



193.8420, 6.4869, 19.4326

Sweetspot

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



189.0920, -16.3144, 6.0583



252.1160, -5.9732, 2.5293



168.4160, -4.1491, 24.1912



126.3870, -3.6418, 1.4146



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.



189.0920, -16.3144, 6.0583



244.5240, -24.9083, 9.1875



186.9550, -15.2608, -5.2225



95.2730, -4.0786, 1.5146



133.2540, -65.6942, 24.3332



27.4770, -13.5462, 4.8437

Inverse Universe

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



162.9080, 16.3144, -6.0583



204.4760, 24.9083, -9.1875



165.3440, 15.1134, 5.8373



88.7270, 4.0786, -1.5146



27.7460, 65.6942, -24.3332



5.5230, 13.5462, -4.8437

Previews

White Background



This preview shows how the YUV color 189.0920, -16.3144, 6.0583 looks on a white background.

Color Contrast Check

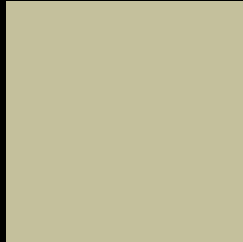
Large Text (above 18pt) WCAG AA × Fail

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 189.0920, -16.3144, 6.0583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

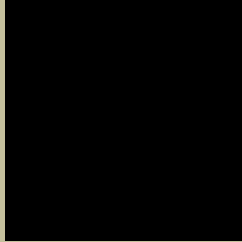
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

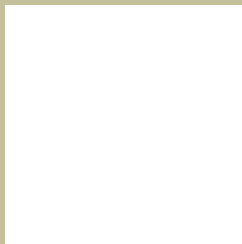
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.0920, -16.3144, 6.0583

Background



This preview shows how black text looks on a background with the YUV color 189.0920, -16.3144, 6.0583.



This preview shows how white text looks on a background with the YUV color 189.0920, -16.3144, 6.0583.

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

189.0920, -16.3144, 6.0583

Protanopia

189.5980, -17.0568, 10.8766

Deuteranopia

191.2130, -16.3740, 25.2462



Tritanopia

192.3800, 3.7567, 8.4367

Trichromacy



Original Color

189.0920, -16.3144, 6.0583

Protanomaly

189.5870, -17.0514, 9.1322

Deuteranomaly

190.1690, -16.3523, 18.2688

Tritanomaly

191.1320, -3.5161, 7.7772

Monochromacy



Original Color

189.0920, -16.3144, 6.0583

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.1160, -5.9732, 2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.0920, -16.3144, 6.0583 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(196, 192, 156)` looks like.

```
.text, #text, p{  
    color:rgb(196, 192, 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(196, 192, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 192, 156) }
```

Border

The CSS property to change the border of an element to YUV 189.0920, -16.3144, 6.0583 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(196, 192, 156) }
```


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

```
.border{ border-color:rgb(196, 192, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 192, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 192, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 192, 156);  
box-shadow:4px 4px 4px 4px rgb(196, 192,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 189.0920, -16.3144, 6.0583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 192, 156) }
```

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

```
.background{ background-color: rgb(196,  
192, 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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