

Converting Colors

YUV(192.3800, -16.4563,
4.9287)

Have a look what the booklet for
YUV(192.3800, -16.4563, 4.9287)
contains.

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Color

**YUV(192.3800, -16.4563,
4.9287)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C49F
RGB	198, 196, 159
RGB Percent	78%, 77%, 62%
CMY	0.2235, 0.2314, 0.3765
CMYK	0.00, 0.01, 0.20, 0.22
HSL	57°, 25%, 70%
HSV	57°, 20%, 78%
XYZ	49.2866, 53.9888, 40.6241
YIQ	192.3800, 13.0690, -11.0830

Conversions

Conversions Part 2

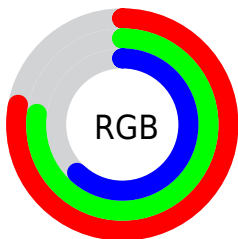
Format	Color
RYB	161, 198, 159
Decimal	13026463
CIELab	78.46, -5.44, 18.87
CIELCh	78, 19.640, 106.068
Yxy	53.9888, 0.3425, 0.3752
Android (android.graphics.Color)	4291216543 (0xFFC6C49F)
YUV	192.3800, -16.4563, 4.9287
Hunter-Lab	73.4771, -8.8515, 18.6536

Details

The YUV color $192.3800, -16.4563, 4.9287$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $164.6200, 16.4563, -4.9287$, and the grayscale version is $193.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.1520, -17.3299, 5.1287$, and $138.6080, -15.5827, 4.7288$ is the 20% darker color. If you saturate the color by 10%, you get $189.5130, -24.9029, 7.4431$, and if you desaturate by 10%, it is $195.2470, -8.0098, 2.4144$.

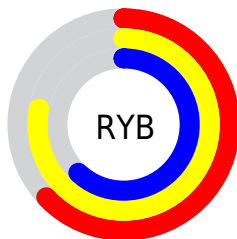
Distribution



Red (78%)

Green (77%)

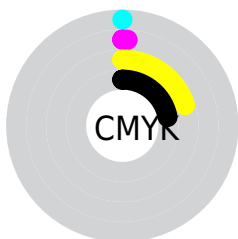
Blue (62%)



Red (63%)

Yellow (78%)

Blue (62%)

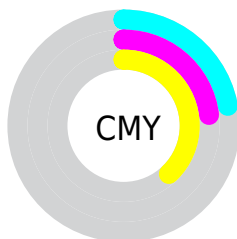


Cyan (0%)

Magenta (1%)

Yellow (20%)

Black (22%)



Cyan (22%)

Magenta (23%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.3800, -16.4563, 4.9287 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 192.3800, -16.4563, 4.9287 by changing the saturation by 10% instead.

■ 192.3800,
-16.4563, 4.9287

■ 192.3800,
-16.4563, 4.9287

255.0000, 0.0000,
0.0000

■ 165.4940,
-16.0195, 4.8288

■ 249.1520,
-17.3299, 5.1287

■ 138.6080,
-15.5827, 4.7288

■ 253.5180, -5.6784,
1.2997

■ 113.4230,
-14.9985, 4.0140

■ 88.6510, -14.1249,
3.8141

■ 65.4660, -13.5407,
3.0993

■ 43.2810, -12.9565,
2.3846

■ 23.0360, -11.3567,

2.5994

■ 0.0000, 0.0000,
0.0000

■ 192.3800,
-16.4563, 4.9287

■ 192.3800,
-16.4563, 4.9287

■ 189.5130,
-24.9029, 7.4431

■ 195.2470, -8.0098,
2.4144

■ 186.6460,
-33.3495, 9.9575

■ 198.1140, 0.4368,
-0.1000

■ 183.8930,
-41.3592, 12.3718

■ 200.8670, 8.4466,
-2.5144

■ 181.0260,
-49.8058, 14.8862

■ 203.7340, 16.8931,
-5.0287

■ 178.1590,
-58.2524, 17.4006

■ 206.2590, 24.0293,
-7.2431

■ 175.2920,
-66.6990, 19.9149

■ 206.8460, 23.7399,
-7.7579

■ 172.4250,
-75.1455, 22.4293

■ 207.4330, 23.4505,
-8.2727

■ 169.6720,
-83.1553, 24.8437

■ 208.0200, 23.1611,
-8.7875

■ 169.5580,
-83.5921, 24.9436

■ 208.6070, 22.8717,
-9.3023

Harmonies

Analogous

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



194.2400, -17.3733, 19.0835



192.3800, -16.4563, 4.9287



190.0620, -10.8766, -11.4554

Triad

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



192.3800, -16.4563, 4.9287



188.4930, 15.5330, -35.5124



197.5500, 2.6869, 24.9507

Complementary

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



192.3800, -16.4563, 4.9287



164.6200, 16.4563, -4.9287

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.



196.7530, 11.4608, 10.7406



192.3800, -16.4563, 4.9287



191.0690, 18.7000, -24.6165

Square

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



192.3800, -16.4563, 4.9287



187.1310, 7.8234, -36.0719



194.4240, 17.0460, -7.3878



197.2920, -6.0600, 30.4389

Rectangle

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



192.3800, -16.4563, 4.9287



188.6030, -4.7343, -21.5768



194.4240, 17.0460, -7.3878



197.3260, 5.7553, 20.7621

Sweetspot

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



192.3800, -16.4563, 4.9287



252.7030, -6.2626, 2.0145



171.0030, -4.4385, 23.6764



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.



192.3800, -16.4563, 4.9287



246.2850, -25.7765, 7.6431



188.4710, -14.5292, -6.5521



97.9740, -3.9312, 0.8998



139.7220, -68.8829, 20.4148



30.7220, -15.1459, 4.6288

Inverse Universe

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



164.6200, 16.4563, -4.9287



202.7150, 25.7765, -7.6431



168.5290, 14.5292, 6.5521



91.0260, 3.9312, -0.8998



23.2780, 68.8829, -20.4148



5.2780, 15.1459, -4.6288

Previews

White Background



This preview shows how the YUV color 192.3800, -16.4563, 4.9287 looks on a white background.

Color Contrast Check

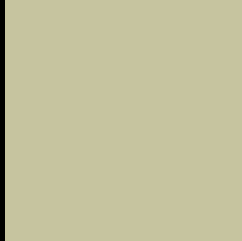
Large Text (above 18pt) WCAG AA × Fail

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 192.3800, -16.4563, 4.9287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

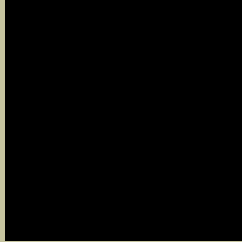
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

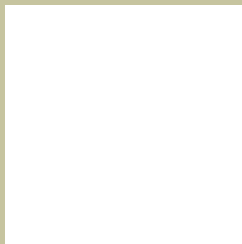
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 192.3800, -16.4563, 4.9287

Background



This preview shows how black text looks on a background with the YUV color 192.3800, -16.4563, 4.9287.



This preview shows how white text looks on a background with the YUV color 192.3800, -16.4563,

4.9287.

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

192.3800, -16.4563, 4.9287

Protanopia

193.4840, -17.4936, 10.9765

Deuteranopia

195.0990, -16.8108, 25.3462



Tritanopia

195.8960, 4.4883, 7.1072

Trichromacy



Original Color

192.3800, -16.4563, 4.9287

Protanomaly

193.1740, -17.3408, 8.6174

Deuteranomaly

194.0550, -16.7891, 18.3688

Tritanomaly

194.5340, -3.2213, 6.5477

Monochromacy



Original Color

192.3800, -16.4563, 4.9287

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.8170, -5.8258, 1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.3800, -16.4563, 4.9287 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(198, 196, 159)` looks like.

```
.text, #text, p{  
    color:rgb(198, 196, 159)  
}
```

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(198, 196, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 196, 159) }
```

Border

The CSS property to change the border of an element to YUV 192.3800, -16.4563, 4.9287 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(198, 196, 159) }
```


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

```
.border{ border-color:rgb(198, 196, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 196, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 196, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 196, 159);  
box-shadow:4px 4px 4px 4px rgb(198, 196,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 192.3800, -16.4563, 4.9287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 196, 159) }
```

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

```
.background{ background-color: rgb(198,  
196, 159) }
```

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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