

Converting Colors

YUV(68.9780, -16.7512, 6.1583)

Have a look what the booklet for
YUV(68.9780, -16.7512, 6.1583)
contains.

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Color

**YUV(68.9780, -16.7512,
6.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4823
RGB	76, 72, 35
RGB Percent	30%, 28%, 14%
CMY	0.7020, 0.7176, 0.8627
CMYK	0.00, 0.05, 0.54, 0.70
HSL	54°, 37%, 22%
HSV	54°, 54%, 30%
XYZ	5.6012, 6.2926, 2.5095
YIQ	68.9780, 14.2610, -10.6590

Conversions

Conversions Part 2

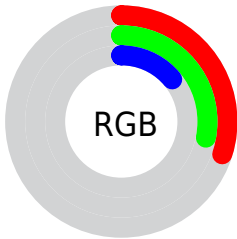
Format	Color
RYB	39, 76, 35
Decimal	4999203
CIELab	30.14, -4.30, 22.63
CIElCh	30, 23.038, 100.759
Yxy	6.2926, 0.3889, 0.4369
Android (android.graphics.Color)	4283189283 (0xFF4C4823)
YUV	68.9780, -16.7512, 6.1583
Hunter-Lab	25.0850, -4.0415, 11.6282




Details

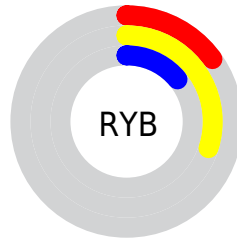
The YUV color **68.9780, -16.7512, 6.1583** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **42.0220, 16.7512, -6.1583**, and the grayscale version is **69.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **117.3480, -17.9196, 7.5878**, and **26.2920, -12.9620, 4.1289** is the 20% darker color. If you saturate the color by 10%, you get **67.4790, -19.9561, 7.4729**, and if you desaturate by 10%, it is **70.4770, -13.5462, 4.8437**.

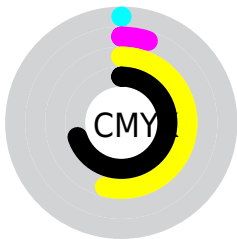
Distribution







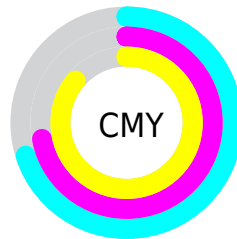
-  Red (30%)
-  Green (28%)
-  Blue (14%)






-  Red (15%)
-  Yellow (30%)
-  Blue (14%)



-  Cyan (0%)
-  Magenta (5%)
-  Yellow (54%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (72%)
-  Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.9780, -16.7512, 6.1583 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 68.9780, -16.7512, 6.1583 by changing the saturation by 10% instead.

68.9780, -16.7512,
6.1583

68.9780, -16.7512,
6.1583

255.0000, 0.0000,
0.0000

46.4940, -16.0195,
4.8288

117.3480,
-17.9196, 7.5878

26.2920, -12.9620,
4.1289

143.1200,
-18.7932, 7.7878

0.5870, -0.2894,
-0.5148

169.8920,
-19.6668, 7.9877

0.0000, 0.0000,
0.0000

197.1910,
-19.8142, 8.6025

225.3760,
-20.3984, 9.3172

249.9840,

-19.2191, 4.3990

■ 253.2900, -6.5520,
1.4997

■ 68.9780, -16.7512,
6.1583

■ 68.9780, -16.7512,
6.1583

■ 67.4790, -19.9561,
7.4729

■ 70.4770, -13.5462,
4.8437

■ 66.6810, -23.0137,
8.1728

■ 71.2750, -10.4886,
4.1438

■ 65.1820, -26.2187,
9.4874

■ 72.7740, -7.2836,
2.8292

■ 63.7970, -28.9869,
10.7020

■ 74.1590, -4.5154,
1.6146

■ 63.2270, -31.1709,
11.2019

■ 75.6580, -1.3104,
0.2999

■ 76.5700, 2.1840,
-0.4999

■ 77.9550, 4.9522,
-1.7145

■ 79.4540, 8.1572,
-3.0292

■ 80.8390, 10.9254,
-4.2438

Harmonies

Analogous

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



70.4680, -16.4997, 18.8836



68.9780, -16.7512, 6.1583



66.8450, -11.7556, -9.5111

Triad

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



68.9780, -16.7512, 6.1583



57.0890, 18.1971, -50.0671



72.8100, 5.0237, 22.0916

Complementary

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



68.9780, -16.7512, 6.1583



42.0220, 16.7512, -6.1583

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.



72.9590, 12.3452, 7.0520



68.9780, -16.7512, 6.1583



61.2520, 21.0748, -39.6860

Square

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



68.9780, -16.7512, 6.1583



55.7380, 10.4822, -48.8822



69.9070, 17.7938, -13.9504



72.2640, -3.5812, 28.7095

Rectangle

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



68.9780, -16.7512, 6.1583



64.6740, -5.7553, -20.7621



69.9070, 17.7938, -13.9504



73.4720, 7.6553, 18.0031

Sweetspot

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



68.9780, -16.7512, 6.1583



96.7030, -6.2626, 2.0145



47.7150, -4.2965, 24.8059



49.2730, -4.0786, 1.5146



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.9780, -16.7512, 6.1583



88.1820, -26.2187, 9.4874



66.5420, -15.5502, -5.7373



37.5440, -1.7472, 0.3999



84.5020, -41.6595, 15.3457



190.2790, -93.8075, 34.8353

Inverse Universe

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



42.0220, 16.7512, -6.1583



45.8180, 26.2187, -9.4874



44.4580, 15.5502, 5.7373



35.0430, 1.4578, -0.9147



17.4980, 41.6595, -15.3457



39.1340, 94.0969, -34.3205

Previews

White Background



This preview shows how the YUV color 68.9780, -16.7512, 6.1583 looks on a white background.

Color Contrast Check

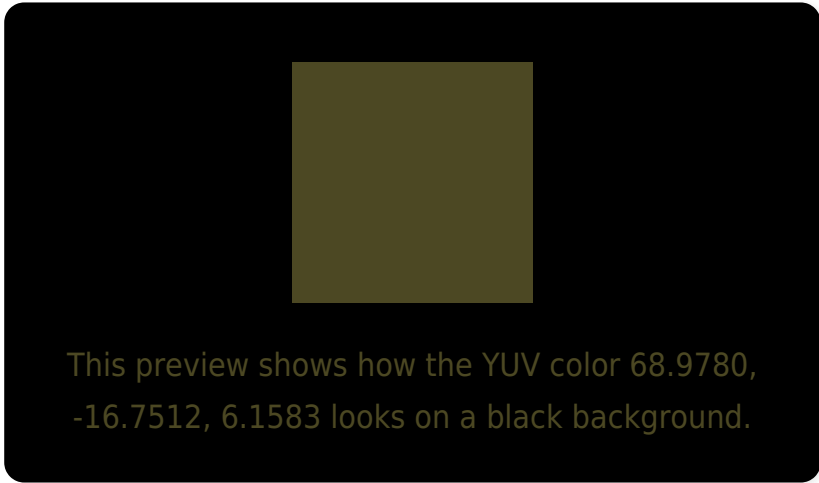
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

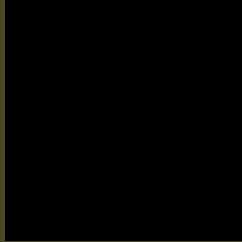
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.9780, -16.7512, 6.1583

Background



This preview shows how black text looks on a background with the YUV color 68.9780, -16.7512, 6.1583.



This preview shows how white text looks on a background with the YUV color 68.9780, -16.7512,

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

68.9780, -16.7512, 6.1583

Protanopia

69.2880, -16.9040, 8.5174

Deuteranopia

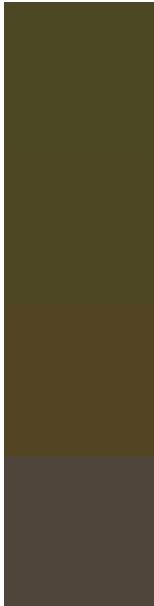
70.0330, -16.7783, 14.8801



Tritanopia

72.1580, 0.4151, 6.8774

Trichromacy



Original Color

68.9780, -16.7512, 6.1583

Protanomaly

68.9890, -16.7566, 7.9026

Deuteranomaly

69.4240, -16.4780, 11.9062

Tritanomaly

70.8500, -5.8420, 7.1476

Monochromacy



Original Color

68.9780, -16.7512, 6.1583

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1160, -5.9732, 2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.9780, -16.7512, 6.1583 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(76, 72, 35)` looks like.

```
.text, #text, p{  
    color:rgb(76, 72, 35)  
}
```

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(76, 72, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 72, 35) }
```

Border

The CSS property to change the border of an element to YUV 68.9780, -16.7512, 6.1583 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(76, 72, 35) }
```


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

```
.border{ border-color:rgb(76, 72, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 72, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 72, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 72, 35);  
box-shadow:4px 4px 4px 4px rgb(76, 72, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.9780, -16.7512, 6.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 72, 35) }
```

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

```
.background{ background-color: rgb(76, 72,  
35) }
```

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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