

Converting Colors

YUV(68.1060, -10.8983, -4.4780)

Have a look what the booklet for
YUV(68.1060, -10.8983, -4.4780)
contains.

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Color

**YUV(68.1060, -10.8983,
-4.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	3F4B2E
RGB	63, 75, 46
RGB Percent	25%, 29%, 18%
CMY	0.7529, 0.7059, 0.8196
CMYK	0.16, 0.00, 0.39, 0.71
HSL	85°, 24%, 24%
HSV	85°, 39%, 29%
XYZ	5.0591, 6.2862, 3.5315
YIQ	68.1060, 2.1570, -11.5630

Conversions

Conversions Part 2

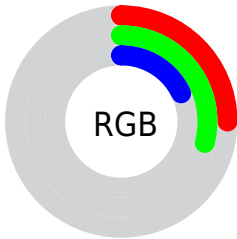
Format	Color
R_{YB}	46, 75, 58
Decimal	4148014
CIE _{Lab}	30.12, -10.72, 15.74
CIE _{LCh}	30, 19.047, 124.267
Yxy	6.2862, 0.3401, 0.4225
Android (android.graphics.Color)	4282338094 (0xFF3F4B2E)
YUV	68.1060, -10.8983, -4.4780
Hunter-Lab	25.0722, -7.8584, 9.1994

Details

The YUV color **68.1060, -10.8983, -4.4780** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **52.8940, 10.8983, 4.4780**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.4650, -12.0612, -4.7928**, and **24.7750, -12.2141, -2.4337** is the 20% darker color. If you saturate the color by 10%, you get **66.4110, -13.5136, -5.6224**, and if you desaturate by 10%, it is **69.8010, -8.2829, -3.3335**.

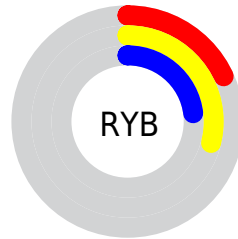
Distribution



Red (25%)

Green (29%)

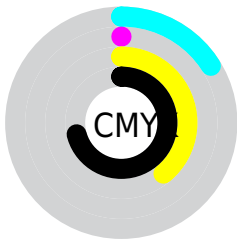
Blue (18%)



Red (18%)

Yellow (29%)

Blue (23%)

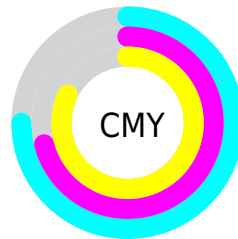


Cyan (16%)

Magenta (0%)

Yellow (39%)

Black (71%)



Cyan (75%)

Magenta (71%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.1060, -10.8983, -4.4780 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 68.1060, -10.8983, -4.4780 by changing the saturation by 10% instead.

■ 68.1060, -10.8983,
-4.4780

■ 68.1060, -10.8983,
-4.4780

255.0000, 0.0000,
0.0000

■ 45.6330, -10.1721,
-4.0631

■ 116.4650,
-12.0612, -4.7928

■ 24.7750, -12.2141,
-2.4337

■ 142.3510,
-12.4980, -4.6928

■ 0.5870, -0.2894,
-0.5148

■ 168.3510,
-12.4980, -4.6928

■ 0.0000, 0.0000,
0.0000

■ 195.8240,
-13.2242, -5.1076

■ 223.7100,
-13.6610, -5.0077

■ 249.0740,

-12.3615, -1.8189

254.7720, -0.8736,
0.2000

■ 68.1060, -10.8983,
-4.4780

■ 68.1060, -10.8983,
-4.4780

■ 66.4110, -13.5136,
-5.6224

■ 69.8010, -8.2829,
-3.3335

■ 64.6020, -16.5658,
-6.6670

■ 71.6100, -5.2307,
-2.2890

■ 62.7930, -19.6179,
-7.7115

■ 73.4190, -2.1786,
-1.2445

■ 61.0980, -22.2333,
-8.8559

■ 75.1140, 0.4368,
-0.1000

■ 58.9900, -25.1381,
-10.5152

■ 77.2220, 3.3416,
1.5593

■ 57.2950, -27.7534,
-11.6597

■ 78.9170, 5.9569,
2.7038

■ 57.1810, -28.1902,
-11.5597

■ 80.6120, 8.5723,
3.8483

■ 82.4210, 11.6244,
4.8928

■ 84.2300, 14.6766,
5.9373

Harmonies

Analogous

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



69.9720, -14.2832, 7.9176



68.1060, -10.8983, -4.4780



65.8530, -3.8715, -18.2881

Triad

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



68.1060, -10.8983, -4.4780



64.3410, 16.1009, -30.9941



72.6870, -1.8177, 23.0765

Complementary

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



68.1060, -10.8983, -4.4780



52.8940, 10.8983, 4.4780

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.



73.1790, 5.3348, 15.6290



68.1060, -10.8983, -4.4780



69.8100, 14.8837, -13.8654

Square

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



68.1060, -10.8983, -4.4780



60.1890, 13.2178, -39.6308



72.2960, 11.1931, 3.2484



71.6780, -8.2223, 23.9614

Rectangle

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



68.1060, -10.8983, -4.4780



63.8780, 1.5391, -27.0800



72.2960, 11.1931, 3.2484



72.9580, 0.5137, 21.9618

Sweetspot

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



68.1060, -10.8983, -4.4780



94.1370, -4.5045, -1.8741



61.7150, -7.7475, 11.6509



46.7180, -2.3260, -0.6297



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



68.1060, -10.8983, -4.4780



86.1890, -16.8552, -7.1818



63.9200, -8.8346, -13.0848



37.2450, -1.5998, -0.2149



77.8140, -38.3623, -15.6229



175.3750, -86.4599, -35.4089

Inverse Universe

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



52.8940, 10.8983, 4.4780



62.8110, 16.8552, 7.1818



57.0800, 8.8346, 13.0848



35.0540, 1.4524, 0.8296



24.1860, 38.3623, 15.6229



54.6250, 86.4599, 35.4089

Previews

White Background



This preview shows how the YUV color 68.1060, -10.8983, -4.4780 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



This preview shows how the YUV color 68.1060, -10.8983, -4.4780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

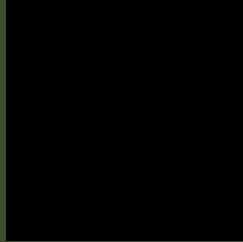
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.1060, -10.8983, -4.4780

Background



This preview shows how black text looks on a background with the YUV color 68.1060, -10.8983, -4.4780.



This preview shows how white text looks on a background with the YUV color 68.1060, -10.8983,

-4.4780.

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

68.1060, -10.8983, -4.4780

Protanopia

69.7160, -12.6780, 6.3881

Deuteranopia

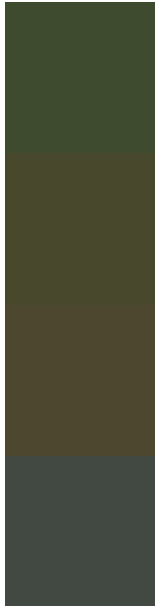
70.8030, -11.2419, 12.4508



Tritanopia

70.4880, 3.2104, -3.0590

Trichromacy



Original Color

68.1060, -10.8983, -4.4780

Protanomaly

68.9220, -11.7935, 2.6994

Deuteranomaly

70.0580, -11.3676, 6.0881

Tritanomaly

69.5220, -1.7363, -3.0888

Monochromacy



Original Color

68.1060, -10.8983, -4.4780

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.2510, -4.0677, -1.9741

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.1060, -10.8983, -4.4780 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(63, 75, 46)` looks like.

```
.text, #text, p{  
    color:rgb(63, 75, 46)  
}
```

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(63, 75, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 75, 46) }
```

Border

The CSS property to change the border of an element to YUV 68.1060, -10.8983, -4.4780 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(63, 75, 46) }
```


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

```
.border{ border-color:rgb(63, 75, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 75, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 75, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 75, 46);  
box-shadow:4px 4px 4px 4px rgb(63, 75, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.1060, -10.8983, -4.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 75, 46) }
```

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

```
.background{ background-color: rgb(63, 75,  
46) }
```

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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