

Converting Colors

YUV(48.3800, 0.3057, -4.7183)

Have a look what the booklet for
YUV(48.3800, 0.3057, -4.7183)
contains.

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Color

**YUV(48.3800, 0.3057,
-4.7183)**

Conversions

Conversions Part 1

Format	Color
Hex	2B3331
RGB	43, 51, 49
RGB Percent	17%, 20%, 19%
CMY	0.8314, 0.8000, 0.8078
CMYK	0.16, 0.00, 0.04, 0.80
HSL	165°, 9%, 18%
HSV	165°, 16%, 20%
XYZ	2.7345, 3.1030, 3.3605
YIQ	48.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

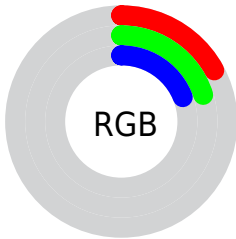
Format	Color
RYB	43, 48, 51
Decimal	2831153
CIELab	20.45, -3.91, 0.11
CIElCh	20, 3.913, 178.355
Yxy	3.1030, 0.2973, 0.3374
Android (android.graphics.Color)	4281021233 (0xFF2B3331)
YUV	48.3800, 0.3057, -4.7183
Hunter-Lab	17.6153, -3.1179, 1.0197

Details

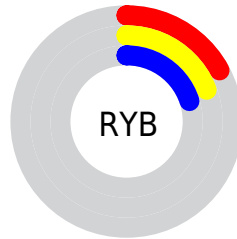
The YUV color **48.3800, 0.3057, -4.7183** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.6200, -0.3057, 4.7183**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.0810, 0.4531, -5.3330**, and **1.8750, -0.4314, -1.6444** is the 20% darker color. If you saturate the color by 10%, you get **46.7710, 0.6059, -7.6922**, and if you desaturate by 10%, it is **49.9890, 0.0054, -1.7444**.

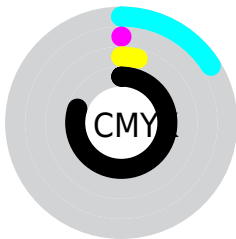
Distribution



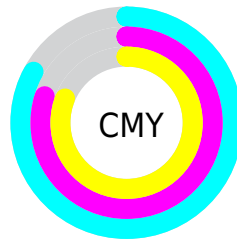
- Red (17%)
- Green (20%)
- Blue (19%)



- Red (17%)
- Yellow (19%)
- Blue (20%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (80%)



- Cyan (83%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.3800, 0.3057, -4.7183 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 48.3800, 0.3057, -4.7183 by changing the saturation by 10% instead.

■ 48.3800, 0.3057,
-4.7183

■ 48.3800, 0.3057,
-4.7183

255.0000, 0.0000,
0.0000

■ 27.3800, 0.3057,
-4.7183

■ 94.0810, 0.4531,
-5.3330

■ 1.8750, -0.4314,
-1.6444

■ 119.0810, 0.4531,
-5.3330

■ 0.0000, 0.0000,
0.0000

■ 144.6680, 0.1637,
-5.8478

■ 171.0810, 0.4531,
-5.3330

■ 198.6680, 0.1637,
-5.8478

■ 226.6680, 0.1637,

-5.8478

252.9070, 1.0318,
-4.3034

48.3800, 0.3057,
-4.7183

48.3800, 0.3057,
-4.7183

46.7710, 0.6059,
-7.6922

49.9890, 0.0054,
-1.7444

45.0480, 0.4693,
-10.5661

51.7120, 0.1420,
1.1296

43.4390, 0.7696,
-13.5400

53.3210, -0.1583,
4.1035

41.8300, 1.0698,
-16.5139

54.9300, -0.4585,
7.0774

40.2210, 1.3700,
-19.4878

56.8380, -0.9061,
10.6661

■ 38.1990, 1.3809,
-22.9765

■ 58.5610, -0.7696,
13.5400

■ 36.5900, 1.6811,
-25.9504

■ 60.1700, -1.0698,
16.5139

■ 34.9810, 1.9814,
-28.9243

■ 61.7790, -1.3700,
19.4878

■ 34.2690, 1.8394,
-30.0539

■ 63.3880, -1.6703,
22.4617

Harmonies

Analogous

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



48.6360, -1.2995, -3.1888



48.3800, 0.3057, -4.7183



48.4230, 1.7635, -5.6330

Triad

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



48.3800, 0.3057, -4.7183



49.8690, 2.0366, 0.1149



49.3380, -2.6316, 4.0886

Complementary

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



48.3800, 0.3057, -4.7183



45.6200, -0.3057, 4.7183

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.



50.2780, -1.6161, 5.0182



48.3800, 0.3057, -4.7183



49.9510, 1.0102, 2.6740

Square

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



48.3800, 0.3057, -4.7183



49.3740, 2.7736, -2.9590



49.7340, 0.1311, 4.6183



49.3270, -2.6262, 2.3442

Rectangle

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



48.3800, 0.3057, -4.7183



48.8360, 2.0529, -5.1182



49.7340, 0.1311, 4.6183



49.7510, -2.3422, 4.6034

Sweetspot

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



48.3800, 0.3057, -4.7183



64.9890, 0.0054, -1.7444



48.2940, -2.6099, -2.8888



32.4020, 0.2948, -1.2296



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



48.3800, 0.3057, -4.7183



62.0700, 0.4585, -7.0774



47.4340, 1.7580, -3.8886



24.9890, 0.0054, -1.7444



59.8810, 3.5097, -52.5156



145.9610, 8.4002, -128.0078

Inverse Universe

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



45.6200, -0.3057, 4.7183



57.9300, -0.4585, 7.0774



46.5660, -1.7580, 3.8886



24.0110, -0.0054, 1.7444



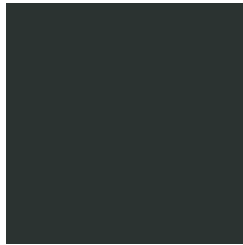
29.1190, -3.5097, 52.5156



71.0390, -8.4002, 128.0078

Previews

White Background



This preview shows how the YUV color 48.3800, 0.3057, -4.7183 looks on a white background.

Color Contrast Check

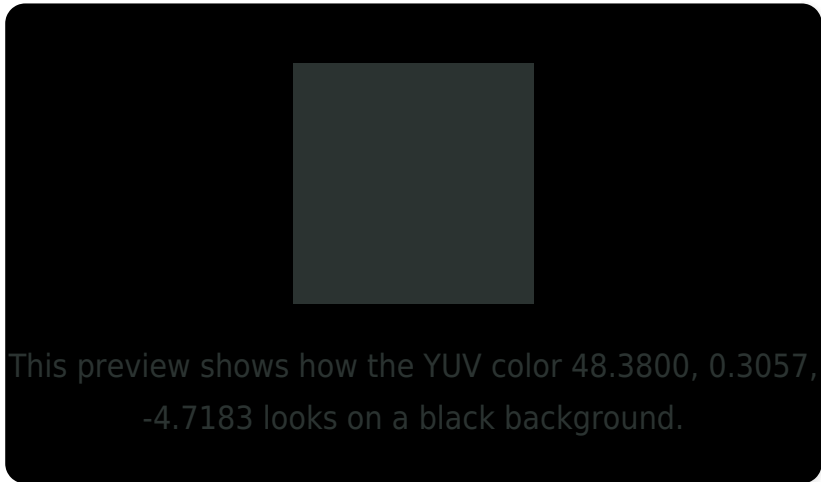
Large Text (above 18pt) WCAG AA ✓ Pass

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

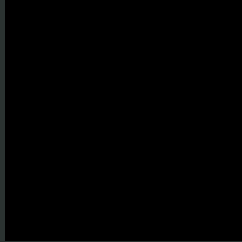
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.3800, 0.3057, -4.7183

Background



This preview shows how black text looks on a background with the YUV color 48.3800, 0.3057, -4.7183.



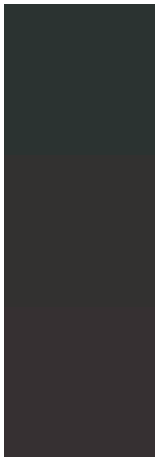
This preview shows how white text looks on a background with the YUV color 48.3800, 0.3057, -4.7183.

-4.7183.

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

48.3800, 0.3057, -4.7183

Protanopia

49.1850, -0.5842, 0.7148

Deuteranopia

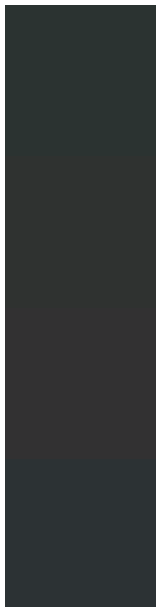
50.0220, -0.0108, 3.4887



Tritanopia

48.6620, 2.6316, -4.0886

Trichromacy



Original Color

48.3800, 0.3057, -4.7183

Protanomaly

48.8750, -0.4314, -1.6444

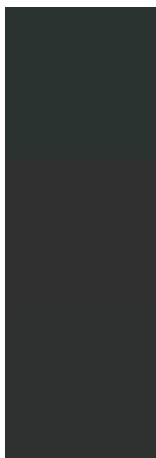
Deuteranomaly

49.4130, 0.2894, 0.5148

Tritanomaly

48.4340, 1.7580, -3.8886

Monochromacy



Original Color

48.3800, 0.3057, -4.7183

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.9890, 0.0054, -1.7444

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.3800, 0.3057, -4.7183 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(43, 51, 49)` looks like.

```
.text, #text, p{  
    color:rgb(43, 51, 49)  
}
```

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(43, 51, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 51, 49) }
```

Border

The CSS property to change the border of an element to YUV 48.3800, 0.3057, -4.7183 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(43, 51, 49) }
```


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

```
.border{ border-color:rgb(43, 51, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 51, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 51, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 51, 49);  
box-shadow:4px 4px 4px 4px rgb(43, 51, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.3800, 0.3057, -4.7183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 51, 49) }
```

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

```
.background{ background-color: rgb(43, 51,  
49) }
```

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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