

Converting Colors

YUV(49.8480, 0.5679, 4.5183)

Have a look what the booklet for
YUV(49.8480, 0.5679, 4.5183)
contains.

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Color

**YUV(49.8480, 0.5679,
4.5183)**

Conversions

Conversions Part 1

Format	Color
Hex	372F33
RGB	55, 47, 51
RGB Percent	22%, 18%, 20%
CMY	0.7843, 0.8157, 0.8000
CMYK	0.00, 0.15, 0.07, 0.78
HSL	330°, 8%, 20%
HSV	330°, 15%, 22%
XYZ	3.1896, 3.0843, 3.5592
YIQ	49.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

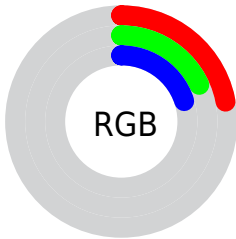
Format	Color
R_{YB}	55, 47, 51
Decimal	3616563
CIE Lab	20.38, 4.47, -1.23
CIE LCh	20, 4.638, 344.663
Yxy	3.0843, 0.3244, 0.3137
Android (android.graphics.Color)	4281806643 (0xFF372F33)
YUV	49.8480, 0.5679, 4.5183
Hunter-Lab	17.5621, 1.6853, 0.2776

Details

The YUV color **49.8480, 0.5679, 4.5183** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **52.1520, -0.5679, -4.5183**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.1470, 0.4205, 5.1331**, and **4.1580, 0.4151, 6.8774** is the 20% darker color. If you saturate the color by 10%, you get **46.5710, 0.7045, 7.3922**, and if you desaturate by 10%, it is **53.7120, 0.1420, 1.1296**.

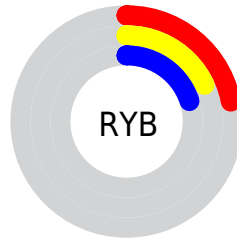
Distribution



Red (22%)

Green (18%)

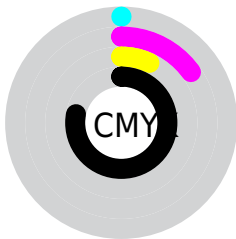
Blue (20%)



Red (22%)

Yellow (18%)

Blue (20%)

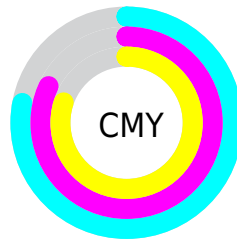


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (78%)



Cyan (78%)

Magenta (82%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.8480, 0.5679, 4.5183 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 49.8480, 0.5679, 4.5183 by changing the saturation by 10% instead.

■ 49.8480, 0.5679,
4.5183

■ 49.8480, 0.5679,
4.5183

■ 255.0000, 0.0000,
0.0000

■ 28.8480, 0.5679,
4.5183

■ 96.1470, 0.4205,
5.1331

■ 4.1580, 0.4151,
6.8774

■ 120.5600, 0.7099,
5.6479

■ 0.0000, 0.0000,
0.0000

■ 146.5600, 0.7099,
5.6479

■ 173.4460, 0.2731,
5.7479

■ 200.5600, 0.7099,
5.6479

■ 228.5600, 0.7099,

5.6479

253.8260, 0.5788,
1.0296

■ 49.8480, 0.5679,
4.5183

■ 49.8480, 0.5679,
4.5183

■ 46.5710, 0.7045,
7.3922

■ 53.7120, 0.1420,
1.1296

■ 42.8210, 1.5672,
10.6810

■ 56.9890, 0.0054,
-1.7444

■ 38.9570, 1.9932,
14.0697

■ 60.7390, -0.8573,
-5.0331

■ 35.6800, 2.1298,
16.9436

■ 64.0160, -0.9939,
-7.9070

■ 31.8160, 2.5557,
20.3324

■ 67.8800, -1.4198,
-11.2958

■ 28.6530, 3.1291,
23.1063

■ 71.1570, -1.5564,
-14.1697

■ 25.3760, 3.2656,
25.9802

■ 74.9070, -2.4192,
-17.4584

■ 21.5120, 3.6916,
29.3690

■ 78.1840, -2.5557,
-20.3324

■ 19.6370, 4.1230,
31.0134

■ 82.0480, -2.9817,
-23.7211

Harmonies

Analogous

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



49.8800, 2.0312, 1.8592



49.8480, 0.5679, 4.5183



49.8050, -0.8899, 5.4330

Triad

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



49.8480, 0.5679, 4.5183



48.6150, -2.7682, 1.2146



48.3520, 2.7845, -6.4477

Complementary

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



49.8480, 0.5679, 4.5183



52.1520, -0.5679, -4.5183

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.



48.0100, 1.4741, -6.1478



49.8480, 0.5679, 4.5183



48.1200, -2.0312, -1.8592

Square

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



49.8480, 0.5679, 4.5183



49.2240, -3.0684, 4.1886



48.1520, -0.5679, -4.5183



48.8900, 3.5052, -4.2885

Rectangle

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



49.8480, 0.5679, 4.5183



49.4630, -2.2003, 5.7329



48.1520, -0.5679, -4.5183



48.2380, 2.3477, -6.3477

Sweetspot

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



49.8480, 0.5679, 4.5183



69.7120, 0.1420, 1.1296



49.1080, 2.9048, 1.6593



34.7120, 0.1420, 1.1296



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



49.8480, 0.5679, 4.5183



63.2720, 0.8519, 6.7775



49.3920, -1.1793, 4.9182



26.1250, 0.4314, 1.6444



32.7520, 6.5313, 51.9605



78.0210, 15.7656, 123.6386

Inverse Universe

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



49.8480, 0.5679, 4.5183



63.2720, 0.8519, 6.7775



52.6080, 1.1793, -4.9182



26.1250, 0.4314, 1.6444



32.7520, 6.5313, 51.9605



78.0210, 15.7656, 123.6386

Previews

White Background



This preview shows how the YUV color 49.8480, 0.5679, 4.5183 looks on a white background.

Color Contrast Check

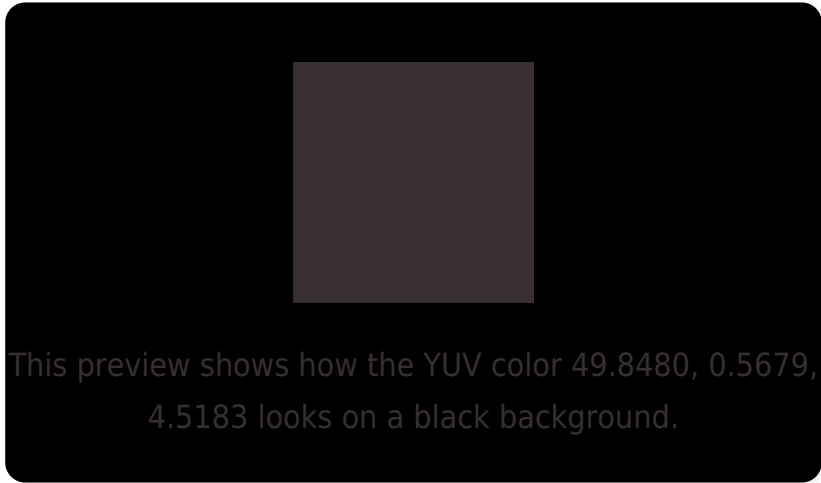
Large Text (above 18pt) WCAG AA ✓ Pass

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

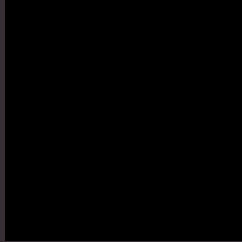
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.8480, 0.5679, 4.5183

Background



This preview shows how black text looks on a background with the YUV color 49.8480, 0.5679, 4.5183.



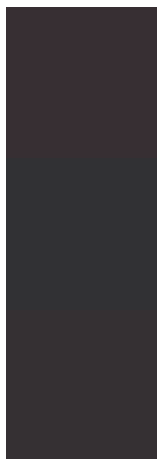
This preview shows how white text looks on a background with the YUV color 49.8480, 0.5679,

4.5183.

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

49.8480, 0.5679, 4.5183

Protanopia

49.3420, 1.3104, -0.2999

Deuteranopia

49.8370, 0.5734, 2.7740



Tritanopia

49.8480, 0.5679, 4.5183

Trichromacy



Original Color

49.8480, 0.5679, 4.5183

Protanomaly

49.3530, 1.3050, 1.4444

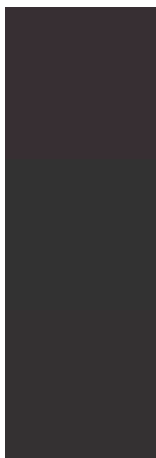
Deuteranomaly

50.1360, 0.4260, 3.3887

Tritanomaly

49.8480, 0.5679, 4.5183

Monochromacy



Original Color

49.8480, 0.5679, 4.5183

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.0110, -0.0054, 1.7444

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.8480, 0.5679, 4.5183 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(55, 47, 51)` looks like.

```
.text, #text, p{  
    color:rgb(55, 47, 51)  
}
```

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(55, 47, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 47, 51) }
```

Border

The CSS property to change the border of an element to YUV 49.8480, 0.5679, 4.5183 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(55, 47, 51) }
```


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

```
.border{ border-color:rgb(55, 47, 51) }
```

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

Here you see how a box with a 4 pixel rgb(55, 47, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 47, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 47, 51);  
box-shadow:4px 4px 4px 4px rgb(55, 47, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.8480, 0.5679, 4.5183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 47, 51) }
```

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

```
.background{ background-color: rgb(55, 47,  
51) }
```

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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