

Converting Colors

YUV(49.8480, 14.3719, 57.1383)

Have a look what the booklet for
YUV(49.8480, 14.3719, 57.1383)
contains.

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Color

**YUV(49.8480, 14.3719,
57.1383)**

Conversions

Conversions Part 1

Format	Color
Hex	730B4F
RGB	115, 11, 79
RGB Percent	45%, 4%, 31%
CMY	0.5490, 0.9569, 0.6902
CMYK	0.00, 0.90, 0.31, 0.55
HSL	321°, 83%, 25%
HSV	321°, 90%, 45%
XYZ	8.6012, 4.4487, 7.8025
YIQ	49.8480, 40.1560, 43.1960

Conversions

Conversions Part 2

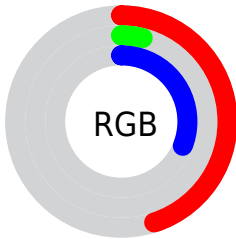
Format	Color
R_{YB}	115, 11, 79
Decimal	7539535
CIE Lab	25.10, 47.31, -12.21
CIE LCh	25, 48.862, 345.535
Yxy	4.4487, 0.4125, 0.2133
Android (android.graphics.Color)	4285729615 (0xFF730B4F)
YUV	49.8480, 14.3719, 57.1383
Hunter-Lab	21.0919, 35.8805, -7.1687

Details

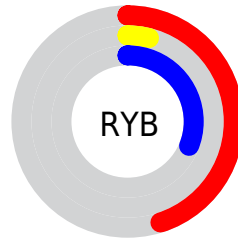
The YUV color **49.8480, 14.3719, 57.1383** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **76.1520, -14.3719, -57.1383**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.0990, 10.3042, 55.1642**, and **22.5280, 6.1487, 34.6169** is the 20% darker color. If you saturate the color by 10%, you get **42.9350, 15.8080, 63.2010**, and if you desaturate by 10%, it is **56.7610, 12.9358, 51.0756**.

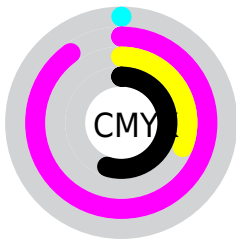
Distribution



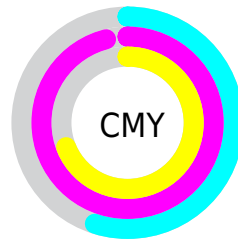
- Red (45%)
- Green (4%)
- Blue (31%)



- Red (45%)
- Yellow (4%)
- Blue (31%)



- Cyan (0%)
- Magenta (90%)
- Yellow (31%)
- Black (55%)



- Cyan (55%)
- Magenta (96%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.8480, 14.3719, 57.1383 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, 14.3719, 57.1383 by changing the saturation by 10% instead.

■ 49.8480, 14.3719,
57.1383

■ 49.8480, 14.3719,
57.1383

■ 255.0000, 0.0000,
0.0000

■ 32.6960, 11.4889,
48.5016

■ 107.0990, 10.3042,
55.1642

■ 22.5280, 6.1487,
34.6169

■ 133.9960, 9.8620,
57.0085

■ 12.5020, -1.2335,
22.3617

■ 161.5940, 9.5672,
58.2381

■ 0.0000, 0.0000,
0.0000


■ 188.7080, 10.0040,
58.1381


■ 207.7490, 14.4207,
41.4391


■ 226.8240, 13.8908,


24.7104


 243.8470, 5.4984,
9.7812

 49.8480, 14.3719,
57.1383


 49.8480, 14.3719,
57.1383

 42.9350, 15.8080,
63.2010

 56.7610, 12.9358,
51.0756

 64.2610, 11.2103,
44.4981

 71.1740, 9.7742,
38.4354

 78.6740, 8.0487,
31.8579

 85.5870, 6.6126,
25.7952

■ 93.0870, 4.8871,
19.2177

■ 100.5870, 3.1616,
12.6402

■ 107.5000, 1.7255,
6.5775

■ 114.4130, 0.2894,
0.5148

Harmonies

Analogous

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



60.1900, 25.5423, 20.8814



49.8480, 14.3719, 57.1383



44.5000, -1.2325, 68.8445

Triad

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



49.8480, 14.3719, 57.1383



54.6110, -26.9232, 2.0952



56.2060, 27.5064, -49.2927

Complementary

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



49.8480, 14.3719, 57.1383



76.1520, -14.3719, -57.1383

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.



52.9170, 12.3659, -46.4082



49.8480, 14.3719, 57.1383



41.6770, -20.5468, -36.5507

Square

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



49.8480, 14.3719, 57.1383



56.5480, -27.8782, 28.4604



47.9980, -3.9430, -42.0942



55.5510, 37.6894, -48.7182

Rectangle

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



49.8480, 14.3719, 57.1383



50.5360, -16.0402, 58.2889



47.9980, -3.9430, -42.0942



55.6530, 22.8491, -48.8077

Sweetspot

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



49.8480, 14.3719, 57.1383



124.9240, 5.4605, 21.9917



33.3210, 40.2677, 11.1195



61.2990, 3.3036, 13.7698



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



49.8480, 14.3719, 57.1383



56.0220, 20.6952, 82.4187



44.0340, -7.9048, 62.2372



55.2500, 0.8628, 3.2888



45.5980, 16.9602, 67.0046



93.3320, 34.3463, 137.3978

Inverse Universe

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



49.8480, 14.3719, 57.1383



56.0220, 20.6952, 82.4187



81.9660, 7.9048, -62.2372



55.2500, 0.8628, 3.2888



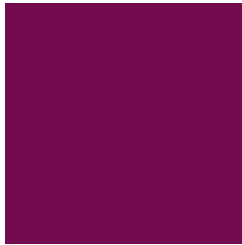
45.5980, 16.9602, 67.0046



93.3320, 34.3463, 137.3978

Previews

White Background



This preview shows how the YUV color 49.8480, 14.3719, 57.1383 looks on a white background.

Color Contrast Check

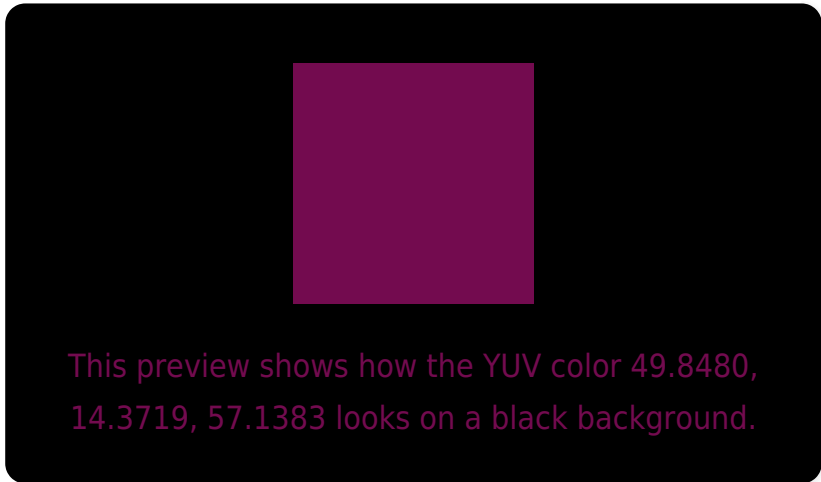
Large Text (above 18pt) WCAG AA ✓ Pass

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

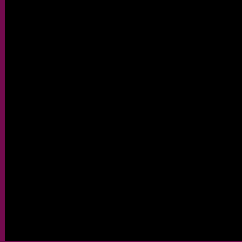
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.8480, 14.3719, 57.1383

Background



This preview shows how black text looks on a background with the YUV color 49.8480, 14.3719, 57.1383.



This preview shows how white text looks on a background with the YUV color 49.8480, 14.3719,

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, 14.3719, 57.1383

Protanopia

59.2360, 25.5197, -18.6240

Deuteranopia

62.7810, 5.5310, -0.6849



Tritanopia

56.1480, -10.9190, 48.9822

Trichromacy



Original Color

49.8480, 14.3719, 57.1383

Protanomaly

55.6740, 21.3597, 9.0559

Deuteranomaly

58.1240, 8.8129, 20.0623

Tritanomaly

53.5750, -1.7625, 52.1157

Monochromacy



Original Color

49.8480, 14.3719, 57.1383

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.2120, 5.3185, 20.8621

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.8480, 14.3719, 57.1383 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(115, 11, 79)` looks like.

```
.text, #text, p{  
    color:rgb(115, 11, 79)  
}
```

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(115, 11, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 11, 79) }
```

Border

The CSS property to change the border of an element to YUV 49.8480, 14.3719, 57.1383 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(115, 11, 79) }
```


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

```
.border{ border-color:rgb(115, 11, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 11, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 11, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 11, 79);  
box-shadow:4px 4px 4px 4px rgb(115, 11,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 49.8480, 14.3719, 57.1383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 11, 79) }
```

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

```
.background{ background-color: rgb(115, 11,  
79) }
```

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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