

Converting Colors

YUV(48.8060, 4.5326, 39.6351)

Have a look what the booklet for
YUV(48.8060, 4.5326, 39.6351)
contains.

YUV(48.8060, 4.5326, 39.6351)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(48.8060, 4.5326,
39.6351)**

Conversions

Conversions Part 1

Format	Color
Hex	5E183A
RGB	94, 24, 58
RGB Percent	37%, 9%, 23%
CMY	0.6314, 0.9059, 0.7725
CMYK	0.00, 0.74, 0.38, 0.63
HSL	331°, 59%, 23%
HSV	331°, 74%, 37%
XYZ	5.7064, 3.3384, 4.3466
YIQ	48.8060, 30.8060, 25.4140

Conversions

Conversions Part 2

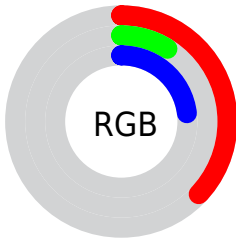
Format	Color
RYB	94, 24, 58
Decimal	6166586
CIELab	21.35, 34.79, -3.95
CIElCh	21, 35.012, 353.515
Yxy	3.3384, 0.4261, 0.2493
Android (android.graphics.Color)	4284356666 (0xFF5E183A)
YUV	48.8060, 4.5326, 39.6351
Hunter-Lab	18.2714, 23.7734, -1.3146

Details

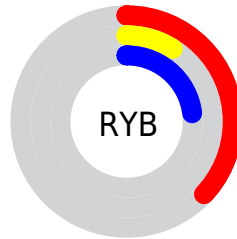
The YUV color **48.8060, 4.5326, 39.6351** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **69.1940, -4.5326, -39.6351**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3610, 2.7800, 41.7794**, and **15.7630, -0.3762, 27.3948** is the 20% darker color. If you saturate the color by 10%, you get **42.9530, 4.9532, 44.7682**, and if you desaturate by 10%, it is **54.6590, 4.1121, 34.5021**.

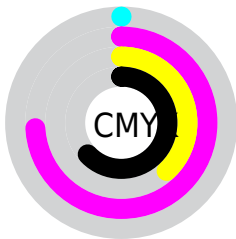
Distribution



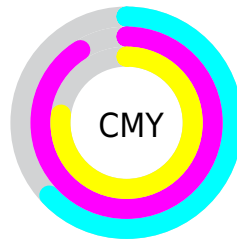
- Red (37%)
- Green (9%)
- Blue (23%)



- Red (37%)
- Yellow (9%)
- Blue (23%)



- Cyan (0%)
- Magenta (74%)
- Yellow (38%)
- Black (63%)



- Cyan (63%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.8060, 4.5326, 39.6351 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 48.8060, 4.5326, 39.6351 by changing the saturation by 10% instead.

■ 48.8060, 4.5326,
39.6351

■ 48.8060, 4.5326,
39.6351

■ 255.0000, 0.0000,
0.0000

■ 24.4360, 5.7011,
38.2056

■ 99.3610, 2.7800,
41.7794

■ 15.7630, -0.3762,
27.3948

■ 125.2580, 2.3378,
43.6237

■ 0.0000, 0.0000,
0.0000

■ 151.2690, 2.3324,
45.3681


■ 178.8670, 2.0376,
46.5976

■ 204.7850, 3.0640,
44.0386


■ 224.4130, 7.1914,


26.8248


 243.2600, 5.7878,
10.2960


 48.8060, 4.5326,
39.6351

 48.8060, 4.5326,
39.6351


 42.9530, 4.9532,
44.7682


 54.6590, 4.1121,
34.5021


 36.5130, 5.6631,
50.4161

 61.0990, 3.4022,
28.8542

 33.3500, 6.2365,
53.1901

 66.9520, 2.9817,
23.7211

 73.2780, 1.8349,
18.1732

 79.1310, 1.4144,
13.0401

■ 84.9840, 0.9939,
7.9070

■ 91.4240, 0.2840,
2.2592

■ 97.2770, -0.1366,
-2.8739

■ 103.7170, -0.8465,
-8.5218

Harmonies

Analogous

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



52.3290, 14.6278, 21.6365



48.8060, 4.5326, 39.6351



47.6140, -7.6977, 42.4345

Triad

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



48.8060, 4.5326, 39.6351



46.0280, -22.6918, -1.7786



46.4090, 22.9694, -40.7007

Complementary

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



48.8060, 4.5326, 39.6351



69.1940, -4.5326, -39.6351

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.



45.0750, 12.7810, -39.5308



48.8060, 4.5326, 39.6351



38.1690, -9.9433, -30.8432

Square

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



48.8060, 4.5326, 39.6351



48.5080, -23.9144, 17.0945



42.1110, 1.4243, -36.9313



44.6140, 28.7843, -39.1265

Rectangle

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



48.8060, 4.5326, 39.6351



48.4040, -15.9752, 37.3567



42.1110, 1.4243, -36.9313



46.1980, 19.6224, -40.5156

Sweetspot

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



48.8060, 4.5326, 39.6351



104.6690, 2.1352, 15.1993



42.4450, 25.4166, 14.5187



50.6960, 1.1359, 9.0366



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



48.8060, 4.5326, 39.6351



51.6330, 7.0829, 61.7119



44.9300, -10.3185, 43.0344



42.8370, 0.5734, 2.7740



38.9320, 6.9355, 62.3266



83.9730, 15.2963, 134.2047

Inverse Universe

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



48.8060, 4.5326, 39.6351



51.6330, 7.0829, 61.7119



73.0700, 10.3185, -43.0344



42.8370, 0.5734, 2.7740



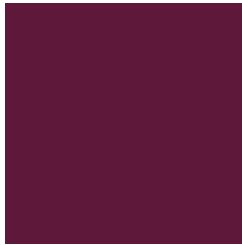
38.9320, 6.9355, 62.3266



83.9730, 15.2963, 134.2047

Previews

White Background



This preview shows how the YUV color 48.8060, 4.5326, 39.6351 looks on a white background.

Color Contrast Check

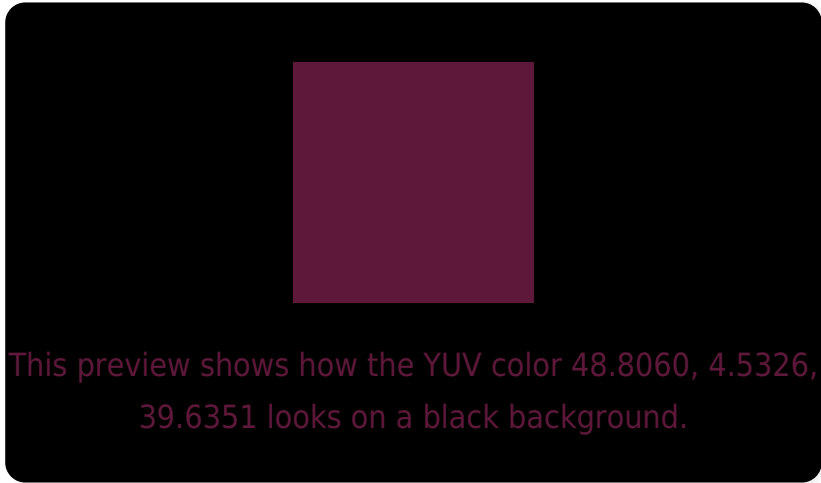
Large Text (above 18pt) WCAG AA ✓ Pass

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

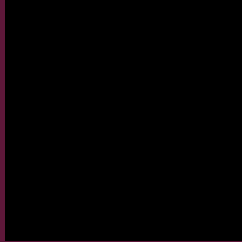
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.8060, 4.5326, 39.6351

Background



This preview shows how black text looks on a background with the YUV color 48.8060, 4.5326, 39.6351.



This preview shows how white text looks on a background with the YUV color 48.8060, 4.5326, 39.6351.

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

48.8060, 4.5326, 39.6351

Protanopia

52.6430, 11.5150, -6.7029

Deuteranopia

53.1360, 0.4260, 3.3887



Tritanopia

49.4670, -8.1182, 37.3014

Trichromacy



Original Color

48.8060, 4.5326, 39.6351

Protanomaly

51.3570, 8.6980, 10.2109

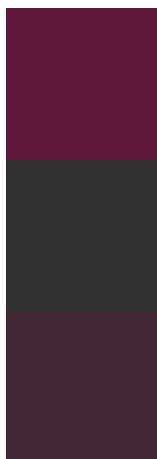
Deuteranomaly

51.2670, 1.8404, 16.4288

Tritanomaly

49.0310, -3.4663, 38.5608

Monochromacy



Original Color

48.8060, 4.5326, 39.6351

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8430, 1.5564, 14.1697

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.8060, 4.5326, 39.6351 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(94, 24, 58)` looks like.

```
.text, #text, p{  
    color:rgb(94, 24, 58)  
}
```

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(94, 24, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 24, 58) }
```

Border

The CSS property to change the border of an element to YUV 48.8060, 4.5326, 39.6351 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(94, 24, 58) }
```


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

```
.border{ border-color:rgb(94, 24, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 24, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 24, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 24, 58);  
box-shadow:4px 4px 4px 4px rgb(94, 24, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.8060, 4.5326, 39.6351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 24, 58) }
```

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

```
.background{ background-color: rgb(94, 24,  
58) }
```

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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