

Converting Colors

YUV(39.0670, 25.6030, 48.1762)

Have a look what the booklet for
YUV(39.0670, 25.6030, 48.1762)
contains.

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Color

**YUV(39.0670, 25.6030,
48.1762)**

Conversions

Conversions Part 1

Format	Color
Hex	5E015B
RGB	94, 1, 91
RGB Percent	37%, 0%, 36%
CMY	0.6314, 0.9961, 0.6431
CMYK	0.00, 0.99, 0.03, 0.63
HSL	302°, 98%, 19%
HSV	302°, 99%, 37%
XYZ	6.5153, 3.1567, 10.1634
YIQ	39.0670, 26.5380, 47.7060

Conversions

Conversions Part 2

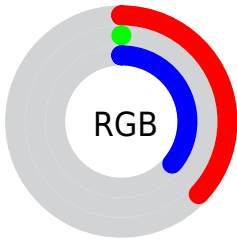
Format	Color
RYB	94, 1, 91
Decimal	6160731
CIELab	20.66, 46.61, -27.52
CIElCh	21, 54.124, 329.444
Yxy	3.1567, 0.3285, 0.1591
Android (android.graphics.Color)	4284350811 (0xFF5E015B)
YUV	39.0670, 25.6030, 48.1762
Hunter-Lab	17.7672, 34.3640, -21.4789

Details

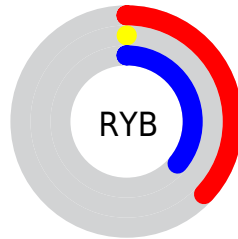
The YUV color **39.0670, 25.6030, 48.1762** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **55.9330, -25.6030, -48.1762**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.5350, 22.4142, 44.2578**, and **18.8840, 12.8752, 23.7807** is the 20% darker color. If you saturate the color by 10%, you get **38.4800, 25.8924, 48.6910**, and if you desaturate by 10%, it is **44.3500, 22.9984, 43.5431**.

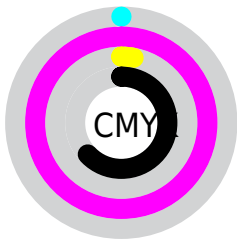
Distribution



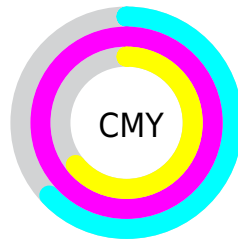
- Red (37%)
- Green (0%)
- Blue (36%)



- Red (37%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (99%)
- Yellow (3%)
- Black (63%)



- Cyan (63%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.0670, 25.6030, 48.1762 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 39.0670, 25.6030, 48.1762 by changing the saturation by 10% instead.

■ 39.0670, 25.6030,
48.1762

■ 39.0670, 25.6030,
48.1762

■ 254.4130, 0.2894,
0.5148

■ 27.9700, 19.2418,
35.1063

■ 96.5350, 22.4142,
44.2578

■ 18.8840, 12.8752,
23.7807

■ 123.1330, 22.1194,
45.4874

■ 3.5190, 9.6041,
-0.4552

■ 150.2580, 22.5508,
47.1317

■ 0.0000, 0.0000,
0.0000


■ 177.6710, 22.8402,
47.6465


■ 204.1760, 23.5772,
44.5726


■ 220.3670, 17.0741,


30.3731


 237.3900, 8.6817,
15.4440


 39.0670, 25.6030,
48.1762


 39.0670, 25.6030,
48.1762


 38.4800, 25.8924,
48.6910

 44.3500, 22.9984,
43.5431

 50.3340, 20.5413,
38.2951

 55.6170, 17.9368,
33.6619

 61.4870, 15.0429,
28.5139

 66.8840, 12.8752,
23.7807

■ 72.1670, 10.2707,
19.1475

■ 78.0370, 7.3768,
13.9996

■ 83.3200, 4.7722,
9.3664

■ 89.3040, 2.3151,
4.1184

Harmonies

Analogous

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



46.4400, 36.2651, -11.7869



39.0670, 25.6030, 48.1762



40.0140, 5.9091, 64.8857

Triad

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



39.0670, 25.6030, 48.1762



47.0130, -23.1774, 14.0206



48.1870, 19.6278, -42.2600

Complementary

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



39.0670, 25.6030, 48.1762



55.9330, -25.6030, -48.1762

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.



43.6270, 2.1559, -38.2609



39.0670, 25.6030, 48.1762



40.3250, -19.8802, -16.9480

Square

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



39.0670, 25.6030, 48.1762



44.8300, -22.1012, 42.2451



36.9810, -18.2316, -32.4323



50.5470, 33.7473, -44.3297

Rectangle

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



39.0670, 25.6030, 48.1762



37.4630, -5.1583, 67.9999



36.9810, -18.2316, -32.4323



46.7050, 13.9494, -40.9603

Sweetspot

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



39.0670, 25.6030, 48.1762



100.7540, 9.9813, 18.6327



12.2000, 40.3274, -8.0684



47.9720, 5.9298, 11.4256



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.



39.0670, 25.6030, 48.1762



49.9300, 33.5585, 63.2054



33.9370, 5.9471, 52.6753



43.0650, 1.4470, 2.5740



44.9740, 30.0858, 57.0278



97.0830, 65.5281, 122.7072

Inverse Universe

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



39.0670, 25.6030, 48.1762



49.9300, 33.5585, 63.2054



61.0630, -5.9471, -52.6753



43.0650, 1.4470, 2.5740



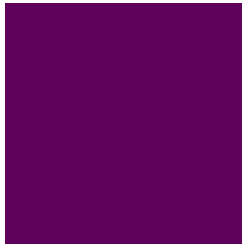
44.9740, 30.0858, 57.0278



97.0830, 65.5281, 122.7072

Previews

White Background



This preview shows how the YUV color 39.0670, 25.6030, 48.1762 looks on a white background.

Color Contrast Check

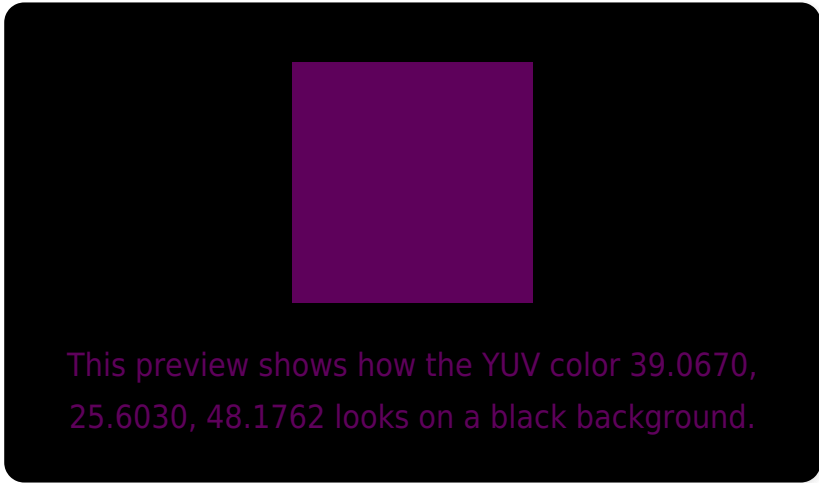
Large Text (above 18pt) WCAG AA ✓ Pass

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

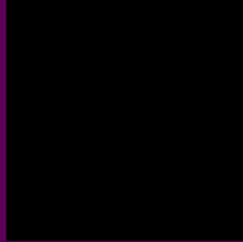
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.0670, 25.6030, 48.1762

Background



This preview shows how black text looks on a background with the YUV color 39.0670, 25.6030, 48.1762.



This preview shows how white text looks on a background with the YUV color 39.0670, 25.6030,

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

39.0670, 25.6030, 48.1762

Protanopia

42.9500, 32.5627, -37.6671

Deuteranopia

51.9670, 16.7783, -14.8801



Tritanopia

52.0750, -6.9390, 32.3832

Trichromacy



Original Color

39.0670, 25.6030, 48.1762

Protanomaly

41.1650, 29.9917, -6.2837

Deuteranomaly

47.3210, 20.0547, 7.6115

Tritanomaly

47.2080, 4.8275, 38.4056

Monochromacy



Original Color

39.0670, 25.6030, 48.1762

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.9280, 9.4025, 17.6031

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.0670, 25.6030, 48.1762 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, 1, 91)` looks like.

```
.text, #text, p{  
    color:rgb(94, 1, 91)  
}
```

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, 1, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 1, 91) }
```

Border

The CSS property to change the border of an element to YUV 39.0670, 25.6030, 48.1762 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, 1, 91) }
```


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

```
.border{ border-color:rgb(94, 1, 91) }
```

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

Here you see how a box with a 4 pixel rgb(94, 1, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 1, 91); -webkit-box-shadow:4px  
4px 4px 4px rgb(94, 1, 91); box-shadow:4px  
4px 4px 4px rgb(94, 1, 91) }
```

Background

The CSS property to change the background color of an element to YUV 39.0670, 25.6030, 48.1762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 1, 91) }
```

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

```
.background{ background-color: rgb(94, 1,  
91) }
```

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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