

Converting Colors

YUV(27.5070, 4.6800, 39.0204)

Have a look what the booklet for
YUV(27.5070, 4.6800, 39.0204)
contains.

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Color

**YUV(27.5070, 4.6800,
39.0204)**

Conversions

Conversions Part 1

Format	Color
Hex	480325
RGB	72, 3, 37
RGB Percent	28%, 1%, 15%
CMY	0.7176, 0.9882, 0.8549
CMYK	0.00, 0.96, 0.49, 0.72
HSL	330°, 92%, 15%
HSV	330°, 96%, 28%
XYZ	3.0390, 1.5764, 1.8944
YIQ	27.5070, 30.2100, 25.2020

Conversions

Conversions Part 2

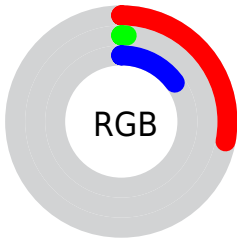
Format	Color
R_{YB}	72, 3, 37
Decimal	4719397
CIE Lab	13.09, 33.33, -1.68
CIE LCh	13, 33.368, 357.121
Yxy	1.5764, 0.4668, 0.2422
Android (android.graphics.Color)	4282909477 (0xFF480325)
YUV	27.5070, 4.6800, 39.0204
Hunter-Lab	12.5555, 21.2325, -0.1568

Details

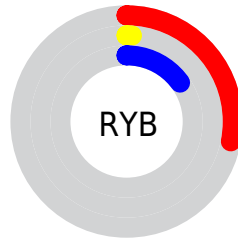
The YUV color **27.5070, 4.6800, 39.0204** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **47.4930, -4.6800, -39.0204**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.5950, 1.1857, 39.8202**, and **2.6910, -1.3267, 5.5330** is the 20% darker color. If you saturate the color by 10%, you get **25.5180, 4.6746, 40.7647**, and if you desaturate by 10%, it is **32.0720, 4.4015, 35.0169**.

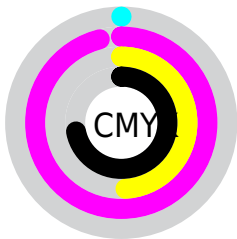
Distribution



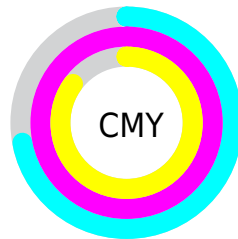
- Red (28%)
- Green (1%)
- Blue (15%)



- Red (28%)
- Yellow (1%)
- Blue (15%)



- Cyan (0%)
- Magenta (96%)
- Yellow (49%)
- Black (72%)



- Cyan (72%)
- Magenta (99%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.5070, 4.6800, 39.0204 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 27.5070, 4.6800, 39.0204 by changing the saturation by 10% instead.

■ 27.5070, 4.6800,
39.0204

■ 27.5070, 4.6800,
39.0204

■ 246.7820, 4.0515,
7.2072

■ 16.4750, -0.2342,
28.5244

■ 78.5950, 1.1857,
39.8202

■ 2.6910, -1.3267,
5.5330

■ 103.6060, 1.1802,
41.5645

■ 0.0000, 0.0000,
0.0000

■ 129.5030, 0.7380,
43.4089

■ 156.1010, 0.4432,
44.6384

■ 183.6990, 0.1484,
45.8680


■ 208.3070, 1.3276,

40.9498


 228.0490, 5.8918,
23.6360

 27.5070, 4.6800,
39.0204

 27.5070, 4.6800,
39.0204


 25.5180, 4.6746,
40.7647

 32.0720, 4.4015,
35.0169

 36.5230, 3.6862,
31.1133

 41.6750, 3.1182,
26.5950

 46.2400, 2.8397,
22.5915

 50.6910, 2.1243,
18.6880

■ 55.2560, 1.8458,
14.6845

■ 59.8210, 1.5672,
10.6810

■ 64.8590, 0.5625,
6.2627

■ 69.4240, 0.2840,
2.2592

Harmonies

Analogous

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



33.1720, 12.7332, 22.6512



27.5070, 4.6800, 39.0204



27.5920, -7.6869, 38.9458

Triad

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



27.5070, 4.6800, 39.0204



29.1830, -14.3872, -5.4225



32.9760, 19.7318, -28.9200

Complementary

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



27.5070, 4.6800, 39.0204



47.4930, -4.6800, -39.0204

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.



31.9840, 10.8539, -28.0500



27.5070, 4.6800, 39.0204



24.8820, -11.2808, -21.8215

Square

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



27.5070, 4.6800, 39.0204



32.2390, -15.8938, 11.1914



29.3620, 0.8075, -25.7505



30.9530, 24.6732, -27.1458

Rectangle

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



27.5070, 4.6800, 39.0204



30.0120, -14.7959, 32.4385



29.3620, 0.8075, -25.7505



32.9930, 17.2585, -28.9349

Sweetspot

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



27.5070, 4.6800, 39.0204



76.5550, 1.6984, 15.2993



21.3310, 24.9798, 14.6187



37.1090, 1.4253, 9.5514



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



27.5070, 4.6800, 39.0204



33.3500, 6.2365, 53.1901



23.6310, -10.1711, 42.4196



33.4240, 0.2840, 2.2592



35.1870, 6.8098, 55.9640



80.6410, 15.4600, 128.3568

Inverse Universe

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



27.5070, 4.6800, 39.0204



33.3500, 6.2365, 53.1901



51.3690, 10.1711, -42.4196



33.4240, 0.2840, 2.2592



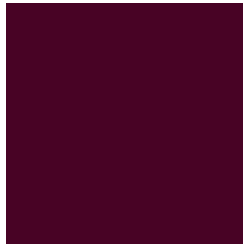
35.1870, 6.8098, 55.9640



80.6410, 15.4600, 128.3568

Previews

White Background



This preview shows how the YUV color 27.5070, 4.6800, 39.0204 looks on a white background.

Color Contrast Check

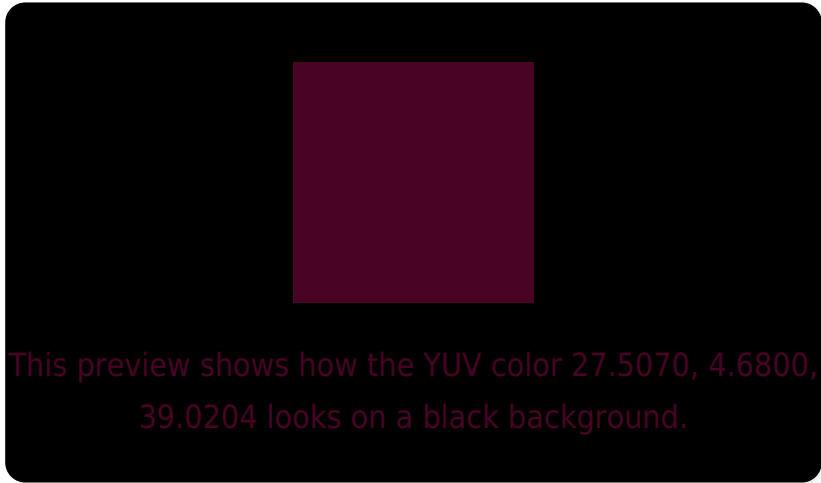
Large Text (above 18pt) WCAG AA ✓ Pass

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

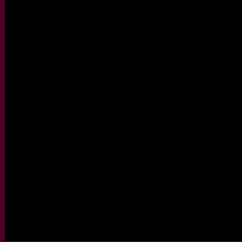
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.5070, 4.6800, 39.0204

Background



This preview shows how black text looks on a background with the YUV color 27.5070, 4.6800, 39.0204.



This preview shows how white text looks on a background with the YUV color 27.5070, 4.6800,

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

27.5070, 4.6800, 39.0204

Protanopia

37.6280, 7.5784, -4.0588

Deuteranopia

37.5660, -1.7580, 3.8886



Tritanopia

31.7440, -8.2548, 34.4275

Trichromacy



Original Color

27.5070, 4.6800, 39.0204

Protanomaly

34.0860, 6.3666, 11.3256

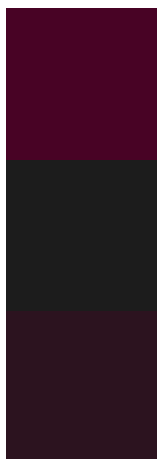
Deuteranomaly

33.9250, 0.5300, 16.7288

Tritanomaly

30.3080, -3.6028, 35.6869

Monochromacy



Original Color

27.5070, 4.6800, 39.0204

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.8430, 1.5564, 14.1697

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.5070, 4.6800, 39.0204 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(72, 3, 37)` looks like.

```
.text, #text, p{  
    color:rgb(72, 3, 37)  
}
```

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(72, 3, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 3, 37) }
```

Border

The CSS property to change the border of an element to YUV 27.5070, 4.6800, 39.0204 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(72, 3, 37) }
```


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

```
.border{ border-color:rgb(72, 3, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 3, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 3, 37); -webkit-box-shadow:4px  
4px 4px 4px rgb(72, 3, 37); box-shadow:4px  
4px 4px 4px rgb(72, 3, 37) }
```

Background

The CSS property to change the background color of an element to YUV 27.5070, 4.6800, 39.0204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 3, 37) }
```

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

```
.background{ background-color: rgb(72, 3,  
37) }
```

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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