

Converting Colors

YUV(70.5070, 4.6800, 39.0204)

Have a look what the booklet for
YUV(70.5070, 4.6800, 39.0204)
contains.

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Color

**YUV(70.5070, 4.6800,
39.0204)**

Conversions

Conversions Part 1

Format	Color
Hex	732E50
RGB	115, 46, 80
RGB Percent	45%, 18%, 31%
CMY	0.5490, 0.8196, 0.6863
CMYK	0.00, 0.60, 0.30, 0.55
HSL	330°, 43%, 32%
HSV	330°, 60%, 45%
XYZ	9.4952, 6.1780, 8.2814
YIQ	70.5070, 30.2100, 25.2020

Conversions

Conversions Part 2

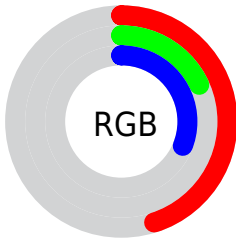
Format	Color
R_{YB}	115, 46, 80
Decimal	7548496
CIE _{Lab}	29.86, 34.34, -5.67
CIE _{LCh}	30, 34.807, 350.618
Yxy	6.1780, 0.3964, 0.2579
Android (android.graphics.Color)	4285738576 (0xFF732E50)
YUV	70.5070, 4.6800, 39.0204
Hunter-Lab	24.8556, 24.6922, -2.3554

Details

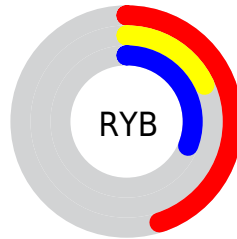
The YUV color **70.5070, 4.6800, 39.0204** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **90.4930, -4.6800, -39.0204**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.0020, 3.9430, 42.0942**, and **23.2400, 6.2907, 35.7465** is the 20% darker color. If you saturate the color by 10%, you get **63.3660, 5.2426, 45.2830**, and if you desaturate by 10%, it is **77.6480, 4.1175, 32.7577**.

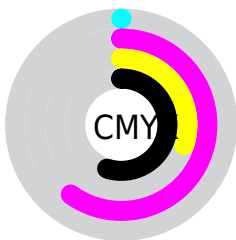
Distribution



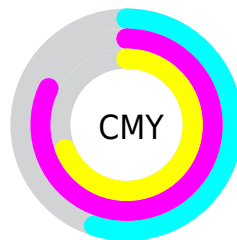
- Red (45%)
- Green (18%)
- Blue (31%)



- Red (45%)
- Yellow (18%)
- Blue (31%)



- Cyan (0%)
- Magenta (60%)
- Yellow (30%)
- Black (55%)



- Cyan (55%)
- Magenta (82%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.5070, 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 70.5070, 4.6800, 39.0204 by changing the saturation by 10% instead.

70.5070, 4.6800,
39.0204

70.5070, 4.6800,
39.0204

255.0000, 0.0000,
0.0000

45.4360, 5.7011,
38.2056

121.0020, 3.9430,
42.0942

23.2400, 6.2907,
35.7465

147.6000, 3.6482,
43.3238

14.7520, -0.3707,
25.6505

174.6110, 3.6428,
45.0682

0.0000, 0.0000,
0.0000

202.9100, 3.4954,
45.6829

221.9510, 7.9122,
28.9840

240.9120, 6.9454,

12.3552

■ 70.5070, 4.6800,
39.0204

■ 70.5070, 4.6800,
39.0204

■ 63.3660, 5.2426,
45.2830

■ 77.6480, 4.1175,
32.7577

■ 55.6380, 6.0945,
52.0605

■ 85.3760, 3.2656,
25.9802

■ 48.0240, 7.3832,
58.7380

■ 93.1040, 2.4137,
19.2028

■ 40.8830, 7.9457,
65.0006

■ 100.1310, 1.4144,
13.0401

■ 107.2720, 0.8519,
6.7775

■ 115.0000, 0.0000,
0.0000

■ 122.1410, -0.5625,
-6.2627

■ 129.8690, -1.4144,
-13.0401

■ 136.8960, -2.4137,
-19.2028

Harmonies

Analogous

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



72.6600, 15.9436, 19.5922



70.5070, 4.6800, 39.0204



68.6250, -7.7031, 44.1789

Triad

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



70.5070, 4.6800, 39.0204



65.3550, -25.3180, 0.5657



60.3150, 25.4807, -52.8963

Complementary

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



70.5070, 4.6800, 39.0204



90.4930, -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.



58.8670, 14.8556, -51.6264



70.5070, 4.6800, 39.0204



60.7030, -13.1646, -24.2955

Square

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



70.5070, 4.6800, 39.0204



67.6180, -27.4197, 21.3830



55.6750, 2.6252, -48.8270



58.7480, 32.1692, -51.5220

Rectangle

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



70.5070, 4.6800, 39.0204



69.0130, -16.2754, 40.3306



55.6750, 2.6252, -48.8270



60.1040, 22.1337, -52.7112

Sweetspot

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



70.5070, 4.6800, 39.0204



132.6690, 2.1352, 15.1993



64.3310, 24.9798, 14.6187



65.9950, 0.9885, 9.6514



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.



70.5070, 4.6800, 39.0204



80.4480, 7.6671, 60.9971



66.6310, -10.1711, 42.4196



55.1360, 0.4260, 3.3887



43.3180, 8.2242, 69.0041



88.7720, 16.8744, 141.3970

Inverse Universe

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



70.5070, 4.6800, 39.0204



80.4480, 7.6671, 60.9971



94.3690, 10.1711, -42.4196



55.1360, 0.4260, 3.3887



43.3180, 8.2242, 69.0041



88.7720, 16.8744, 141.3970

Previews

White Background



This preview shows how the YUV color 70.5070, 4.6800, 39.0204 looks on a white background.

Color Contrast Check

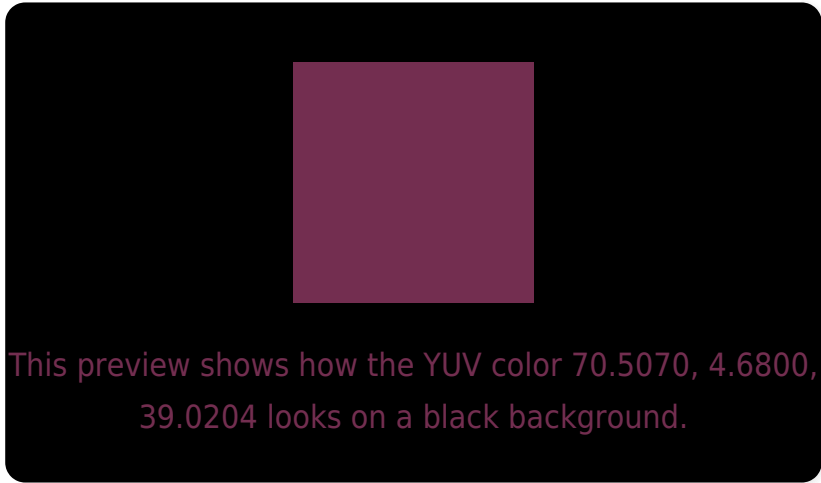
Large Text (above 18pt) WCAG AA ✓ Pass

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

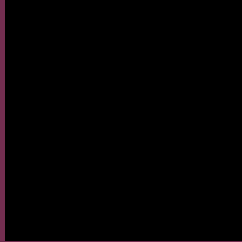
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.5070, 4.6800, 39.0204

Background



This preview shows how black text looks on a background with the YUV color 70.5070, 4.6800, 39.0204.



This preview shows how white text looks on a background with the YUV color 70.5070, 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

70.5070, 4.6800, 39.0204

Protanopia

71.1700, 12.2412, -6.2881

Deuteranopia

71.8910, 2.0257, 3.6036



Tritanopia

70.5810, -7.6814, 37.2015

Trichromacy



Original Color

70.5070, 4.6800, 39.0204

Protanomaly

70.8840, 9.4242, 10.6257

Deuteranomaly

71.4950, 2.7140, 16.2289

Tritanomaly

70.7320, -3.3189, 37.9460

Monochromacy



Original Color

70.5070, 4.6800, 39.0204

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8430, 1.5564, 14.1697

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5070, 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(115, 46, 80)` looks like.

```
.text, #text, p{  
    color:rgb(115, 46, 80)  
}
```

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, 46, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 46, 80) }
```

Border

The CSS property to change the border of an element to YUV 70.5070, 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(115, 46, 80) }
```


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

```
.border{ border-color:rgb(115, 46, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 46, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 46, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 46, 80);  
box-shadow:4px 4px 4px 4px rgb(115, 46,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 70.5070, 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(115, 46, 80) }
```

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

```
.background{ background-color: rgb(115, 46,  
80) }
```

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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