

Converting Colors

YUV(71.4810, 0.7489, 39.9202)

Have a look what the booklet for
YUV(71.4810, 0.7489, 39.9202)
contains.

YUV(71.4810, 0.7489, 39.9202)	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(71.4810, 0.7489,
39.9202)**

Conversions

Conversions Part 1

Format	Color
Hex	753049
RGB	117, 48, 73
RGB Percent	46%, 19%, 29%
CMY	0.5412, 0.8118, 0.7137
CMYK	0.00, 0.59, 0.38, 0.54
HSL	338°, 42%, 32%
HSV	338°, 59%, 46%
XYZ	9.5957, 6.3769, 7.0284
YIQ	71.4810, 33.0990, 22.4030

Conversions

Conversions Part 2

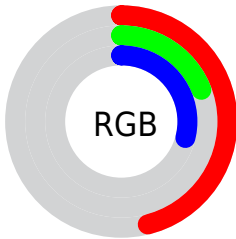
Format	Color
R_{YB}	117, 48, 73
Decimal	7680073
CIE _{Lab}	30.34, 33.06, -0.33
CIE _{LCh}	30, 33.061, 359.436
Yxy	6.3769, 0.4172, 0.2772
Android (android.graphics.Color)	4285870153 (0xFF753049)
YUV	71.4810, 0.7489, 39.9202
Hunter-Lab	25.2524, 23.6365, 1.1747

Details

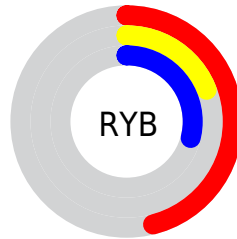
The YUV color **71.4810, 0.7489, 39.9202** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **93.5190, -0.7489, -39.9202**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.1610, -0.5724, 43.7088**, and **22.8550, 3.5225, 36.9612** is the 20% darker color. If you saturate the color by 10%, you get **63.6390, 1.1640, 46.7976**, and if you desaturate by 10%, it is **79.3230, 0.3338, 33.0427**.

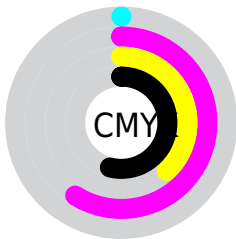
Distribution



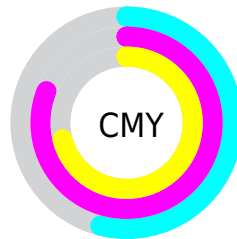
- Red (46%)
- Green (19%)
- Blue (29%)



- Red (46%)
- Yellow (19%)
- Blue (29%)



- Cyan (0%)
- Magenta (59%)
- Yellow (38%)
- Black (54%)



- Cyan (54%)
- Magenta (81%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.4810, 0.7489, 39.9202 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 71.4810, 0.7489, 39.9202 by changing the saturation by 10% instead.

71.4810, 0.7489,
39.9202

71.4810, 0.7489,
39.9202

255.0000, 0.0000,
0.0000

46.5240, 2.2067,
39.0055

122.1610, -0.5724,
43.7088

22.8550, 3.5225,
36.9612

148.7590, -0.8672,
44.9384

13.9110, -4.8861,
27.2651

175.7700, -0.8726,
46.6827

0.0000, 0.0000,
0.0000

202.4710, -0.7252,
46.0679

222.0990, 3.4022,
28.8542

242.0860, 6.3666,

11.3256

■ 71.4810, 0.7489,
39.9202

■ 71.4810, 0.7489,
39.9202

■ 63.6390, 1.1640,
46.7976

■ 79.3230, 0.3338,
33.0427

■ 56.2700, 0.8529,
53.2602

■ 86.6920, 0.6448,
26.5801

■ 48.4280, 1.2680,
60.1376

■ 94.5340, 0.2297,
19.7027

■ 40.4720, 1.2463,
67.1151

■ 102.4900, 0.2514,
12.7253

■ 39.7710, 1.0989,
67.7298

■ 109.7450, 0.1257,
6.3626

■ 117.7010, 0.1474,
-0.6148

■ 125.5430, -0.2677,
-7.4922

■ 133.4990, -0.2460,
-14.4696

■ 140.7540, -0.3717,
-20.8323

Harmonies

Analogous

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



73.3680, 12.1436, 25.1103



71.4810, 0.7489, 39.9202



70.3920, -11.0393, 40.8752

Triad

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



71.4810, 0.7489, 39.9202



65.7610, -21.0812, -5.0524



60.6570, 26.7911, -53.1962

Complementary

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



71.4810, 0.7489, 39.9202



93.5190, -0.7489, -39.9202

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.



60.2520, 17.6238, -52.8410



71.4810, 0.7489, 39.9202



60.0270, -7.9013, -32.4727

Square

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



71.4810, 0.7489, 39.9202



68.6280, -25.9456, 15.2352



57.2880, 6.2670, -50.2416



57.4600, 32.3112, -50.3924

Rectangle

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



71.4810, 0.7489, 39.9202



70.4100, -18.4431, 35.5974



57.2880, 6.2670, -50.2416



60.6740, 24.3177, -53.2111

Sweetspot

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



71.4810, 0.7489, 39.9202



134.5120, 0.2406, 16.2140



69.0220, 23.6532, 20.1517



65.7670, 0.1149, 9.8513



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.



71.4810, 0.7489, 39.9202



81.1510, 1.4046, 63.0116



73.9140, -12.7756, 37.7864



55.0220, -0.0108, 3.4887



41.4940, 1.2355, 70.6038



85.1240, 2.8969, 144.5963

Inverse Universe

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



71.4810, 0.7489, 39.9202



81.1510, 1.4046, 63.0116



91.0860, 12.7756, -37.7864



55.0220, -0.0108, 3.4887



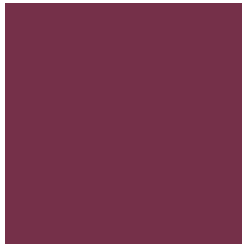
41.4940, 1.2355, 70.6038



85.1240, 2.8969, 144.5963

Previews

White Background



This preview shows how the YUV color 71.4810, 0.7489, 39.9202 looks on a white background.

Color Contrast Check

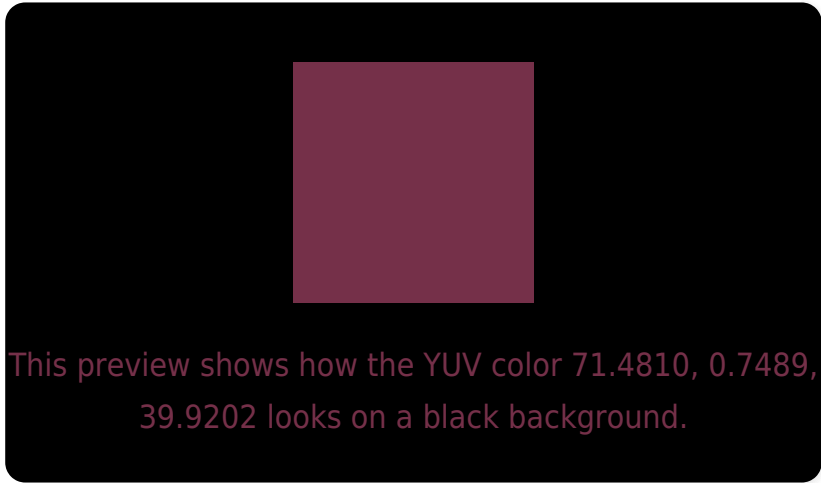
Large Text (above 18pt) WCAG AA ✓ Pass

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

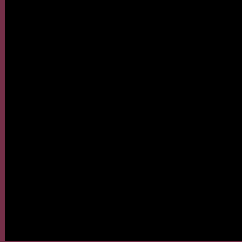
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.4810, 0.7489, 39.9202

Background



This preview shows how black text looks on a background with the YUV color 71.4810, 0.7489, 39.9202.



This preview shows how white text looks on a background with the YUV color 71.4810, 0.7489,

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

71.4810, 0.7489, 39.9202

Protanopia

72.8130, 6.9942, -3.3440

Deuteranopia

72.9900, -1.4741, 6.1478



Tritanopia

71.4780, -8.1237, 39.0458

Trichromacy



Original Color

71.4810, 0.7489, 39.9202

Protanomaly

72.0430, 4.9088, 12.2403

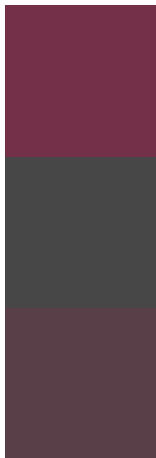
Deuteranomaly

72.2950, -0.6384, 18.1583

Tritanomaly

71.6890, -4.7767, 38.8607

Monochromacy



Original Color

71.4810, 0.7489, 39.9202

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.5010, 0.2460, 14.4696

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.4810, 0.7489, 39.9202 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(117, 48, 73)` looks like.

```
.text, #text, p{  
    color:rgb(117, 48, 73)  
}
```

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(117, 48, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 48, 73) }
```

Border

The CSS property to change the border of an element to YUV 71.4810, 0.7489, 39.9202 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(117, 48, 73) }
```


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

```
.border{ border-color:rgb(117, 48, 73) }
```

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

Here you see how a box with a 4 pixel rgb(117, 48, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 48, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 48, 73);  
box-shadow:4px 4px 4px 4px rgb(117, 48,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 71.4810, 0.7489, 39.9202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 48, 73) }
```

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

```
.background{ background-color: rgb(117, 48,  
73) }
```

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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