

Converting Colors

YUV(39.3990, -8.0847, 73.3181)

Have a look what the booklet for
YUV(39.3990, -8.0847, 73.3181)
contains.

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Color

**YUV(39.3990, -8.0847,
73.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	7B0017
RGB	123, 0, 23
RGB Percent	48%, 0%, 9%
CMY	0.5176, 1.0000, 0.9098
CMYK	0.00, 1.00, 0.81, 0.52
HSL	349°, 100%, 24%
HSV	349°, 100%, 48%
XYZ	8.3230, 4.2728, 1.1967
YIQ	39.3990, 65.9250, 33.2290

Conversions

Conversions Part 2

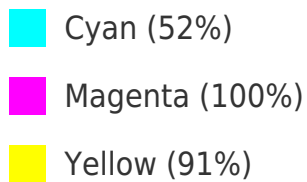
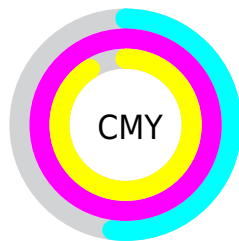
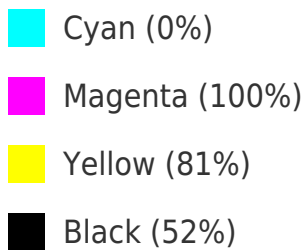
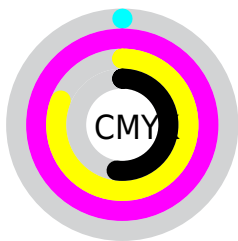
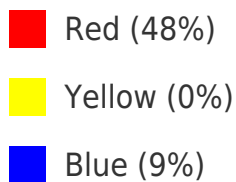
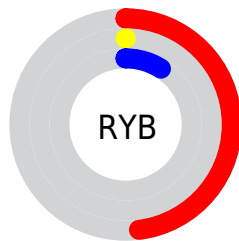
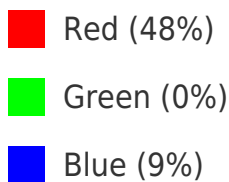
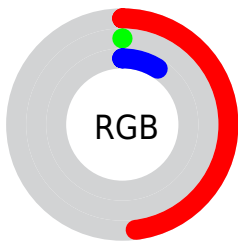
Format	Color
R_{YB}	123, 0, 23
Decimal	8060951
CIE Lab	24.55, 47.23, 25.45
CIE LCh	25, 53.655, 28.320
Yxy	4.2728, 0.6034, 0.3098
Android (android.graphics.Color)	4286251031 (0xFF7B0017)
YUV	39.3990, -8.0847, 73.3181
Hunter-Lab	20.6708, 35.6986, 11.0371

Details

The YUV color **39.3990, -8.0847, 73.3181** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **83.6010, 8.0847, -73.3181**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.6840, -17.0992, 71.3141**, and **19.7340, -9.7289, 40.5753** is the 20% darker color. If you saturate the color by 10%, you get **39.3990, -8.0847, 73.3181**, and if you desaturate by 10%, it is **47.5830, -7.1894, 66.1407**.

Distribution



Brightness & Saturation Gradients

These gradients show how the YUV color 39.3990, -8.0847, 73.3181 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 39.3990, -8.0847, 73.3181 by changing the saturation by 10% instead.

■ 39.3990, -8.0847,
73.3181

■ 39.3990, -8.0847,
73.3181

■ 254.3160, -2.6208,
0.5999

■ 28.1060, -13.8563,
57.7890

■ 100.6840,
-17.0992, 71.3141

■ 19.7340, -9.7289,
40.5753

■ 127.8370,
-19.1466, 74.6880

■ 11.1770, -5.0173,
22.6468

■ 155.5060,
-20.4625, 76.7322

■ 0.0000, 0.0000,
0.0000


■ 177.7930,
-19.1249, 67.7105


■ 197.3070,
-15.4344, 50.5968


■ 216.8210,


-11.7438, 33.4830


 237.0360, -7.9057,
15.7544


 39.3990, -8.0847,
73.3181

 47.5830, -7.1894,
66.1407

 56.3540, -6.5835,
58.4485

 64.5380, -5.6882,
51.2712

 72.7220, -4.7929,
44.0938

 81.4930, -4.1870,
36.4016

■ 89.6770, -3.2918,
29.2243

■ 97.8610, -2.3965,
22.0469

■ 106.0450, -1.5012,
14.8695

■ 114.8160, -0.8953,
7.1774

Harmonies

Analogous

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



44.1440, 8.8030, 70.0337



39.3990, -8.0847, 73.3181



53.1140, -26.1852, 45.5040

Triad

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



39.3990, -8.0847, 73.3181



43.2900, -16.9050, -37.9653



54.2290, 42.7781, -47.5588

Complementary

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



39.3990, -8.0847, 73.3181



83.6010, 8.0847, -73.3181

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.



56.8560, 35.0740, -49.8627



39.3990, -8.0847, 73.3181



49.7080, 2.6090, -43.5939

Square

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



39.3990, -8.0847, 73.3181



49.7940, -24.5484, -12.9743



54.9690, 20.2283, -48.2078



55.6680, 37.1387, -11.9868

Rectangle

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



39.3990, -8.0847, 73.3181



55.6510, -27.4359, 26.6161



54.9690, 20.2283, -48.2078



55.7620, 41.0363, -48.9033

Sweetspot

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



39.3990, -8.0847, 73.3181



127.6770, -3.2918, 29.2243



43.3240, 39.2803, 47.9509



61.6540, -1.8014, 17.8434



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



39.3990, -8.0847, 73.3181



51.5590, -10.6286, 95.9798



58.4960, -28.8385, 56.5700



56.9080, -0.4476, 3.5887



39.9970, -8.3795, 74.5476



80.7060, -16.6171, 150.2248

Inverse Universe

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



39.3990, -8.0847, 73.3181



51.5590, -10.6286, 95.9798



64.5040, 28.8385, -56.5700



56.9080, -0.4476, 3.5887



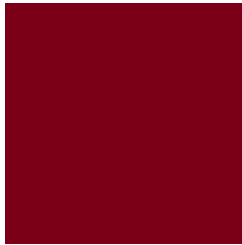
39.9970, -8.3795, 74.5476



80.7060, -16.6171, 150.2248

Previews

White Background



This preview shows how the YUV color 39.3990, -8.0847, 73.3181 looks on a white background.

Color Contrast Check

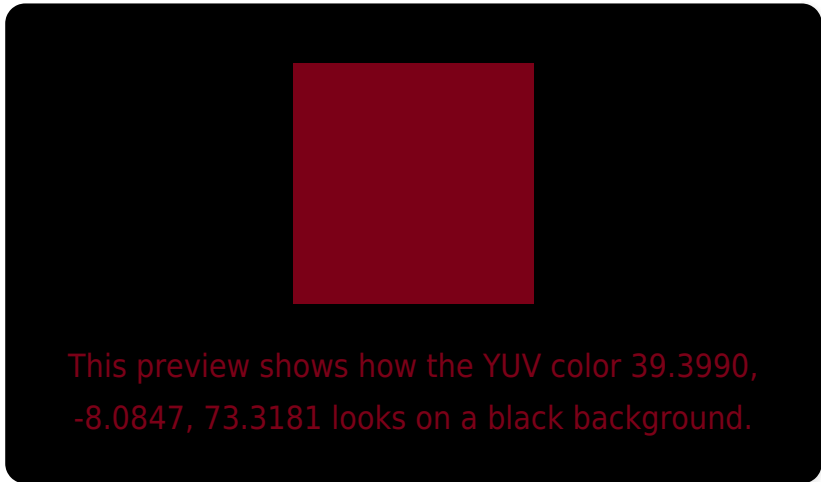
Large Text (above 18pt) WCAG AA ✓ Pass

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

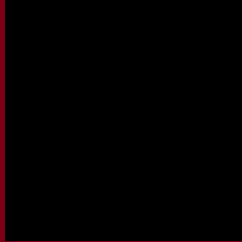
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.3990, -8.0847, 73.3181

Background



This preview shows how black text looks on a background with the YUV color 39.3990, -8.0847, 73.3181.



This preview shows how white text looks on a background with the YUV color 39.3990, -8.0847,

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

39.3990, -8.0847, 73.3181

Protanopia

60.8300, -12.2412, 6.2881

Deuteranopia

59.4370, -22.8934, 16.2798



Tritanopia

43.2340, -21.3144, 69.9548

Trichromacy



Original Color

39.3990, -8.0847, 73.3181

Protanomaly

52.7390, -10.7173, 30.9239

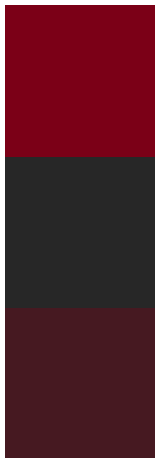
Deuteranomaly

52.3500, -17.4275, 36.5271

Tritanomaly

41.7980, -16.6624, 71.2142

Monochromacy



Original Color

39.3990, -8.0847, 73.3181

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.3670, -3.1389, 26.8651

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.3990, -8.0847, 73.3181 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(123, 0, 23)` looks like.

```
.text, #text, p{  
    color:rgb(123, 0, 23)  
}
```

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(123, 0, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 0, 23) }
```

Border

The CSS property to change the border of an element to YUV 39.3990, -8.0847, 73.3181 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(123, 0, 23) }
```


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

```
.border{ border-color:rgb(123, 0, 23) }
```

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

Here you see how a box with a 4 pixel rgb(123, 0, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 0, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 0, 23);  
box-shadow:4px 4px 4px 4px rgb(123, 0, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.3990, -8.0847, 73.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 0, 23) }
```

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

```
.background{ background-color: rgb(123, 0,  
23) }
```

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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