

Converting Colors

YUV(51.1290, 38.3904, 53.3839)

Have a look what the booklet for
YUV(51.1290, 38.3904, 53.3839)
contains.

YUV(51.1290, 38.3904, 53.3839)	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(51.1290, 38.3904,
53.3839)**

Conversions

Conversions Part 1

Format	Color
Hex	700581
RGB	112, 5, 129
RGB Percent	44%, 2%, 51%
CMY	0.5608, 0.9804, 0.4941
CMYK	0.13, 0.96, 0.00, 0.49
HSL	292°, 93%, 26%
HSV	292°, 96%, 51%
XYZ	10.6988, 5.1383, 21.1968
YIQ	51.1290, 23.9680, 61.2480

Conversions

Conversions Part 2

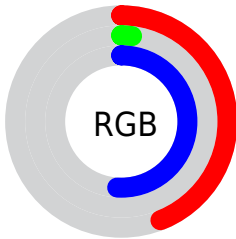
Format	Color
R_{YB}	112, 5, 129
Decimal	7341441
CIE _{Lab}	27.13, 55.53, -41.56
CIE _{LCh}	27, 69.363, 323.190
Yxy	5.1383, 0.2889, 0.1387
Android (android.graphics.Color)	4285531521 (0xFF700581)
YUV	51.1290, 38.3904, 53.3839
Hunter-Lab	22.6677, 44.5806, -39.5751

Details

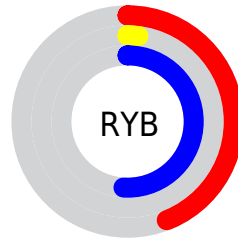
The YUV color **51.1290, 38.3904, 53.3839** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **82.8710, -38.3904, -53.3839**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.4720, 34.7703, 47.8211**, and **26.6470, 25.8100, 28.3736** is the 20% darker color. If you saturate the color by 10%, you get **47.8950, 39.9848, 55.3431**, and if you desaturate by 10%, it is **59.3580, 34.3335, 47.9210**.

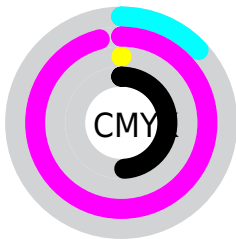
Distribution



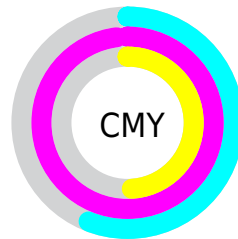
- Red (44%)
- Green (2%)
- Blue (51%)



- Red (44%)
- Yellow (2%)
- Blue (51%)



- Cyan (13%)
- Magenta (96%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (98%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.1290, 38.3904, 53.3839 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 51.1290, 38.3904, 53.3839 by changing the saturation by 10% instead.

51.1290, 38.3904,
53.3839

51.1290, 38.3904,
53.3839

255.0000, 0.0000,
0.0000

37.1570, 32.4606,
41.9583

112.4720, 34.7703,
47.8211

26.6470, 25.8100,
28.3736

140.1840, 34.9123,
48.9506

16.7350, 18.8646,
16.0184

167.8960, 35.0543,
50.0802

4.9360, 13.8356,
-4.3289

194.2400, 29.9547,
52.4095


0.5700, 2.1840,
-0.4999


210.9750, 21.7043,
38.6099


0.0000, 0.0000,
0.0000


227.4110, 13.6014,


24.1956


 245.0210, 4.9196,
8.7516


 51.1290, 38.3904,
53.3839


 51.1290, 38.3904,
53.3839


 47.8950, 39.9848,
55.3431

 59.3580, 34.3335,
47.9210

 67.5870, 30.2766,
42.4582

 75.5170, 26.3671,
36.3806

 83.7460, 22.3102,
30.9178

 91.9750, 18.2533,
25.4549

■ 99.6170, 14.4858,
20.5069

■ 107.5470, 10.5763,
14.4293

■ 115.7760, 6.5194,
8.9664

■ 124.0050, 2.4625,
3.5036

Harmonies

Analogous

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



51.5680, 55.4290, -45.2251



51.1290, 38.3904, 53.3839



52.9590, 12.8382, 82.4740

Triad

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



51.1290, 38.3904, 53.3839



60.9560, -30.0513, 25.4716



61.2780, 21.5549, -53.7408

Complementary

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



51.1290, 38.3904, 53.3839



82.8710, -38.3904, -53.3839

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.



54.4210, -2.1796, -47.7272



51.1290, 38.3904, 53.3839



54.2130, -26.7270, -14.2188

Square

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



51.1290, 38.3904, 53.3839



52.6480, -25.9555, 65.2067



46.9600, -23.1513, -41.1839



65.8210, 41.5002, -57.7250

Rectangle

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



51.1290, 38.3904, 53.3839



50.1650, -3.0393, 88.4323



46.9600, -23.1513, -41.1839



59.2260, 13.6926, -51.9412

Sweetspot

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



51.1290, 38.3904, 53.3839



137.4430, 15.0646, 21.5365



30.2890, 48.6645, -22.1785



65.7810, 8.9820, 12.4701



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



51.1290, 38.3904, 53.3839



62.5070, 52.0080, 72.3464



51.3100, 17.1022, 68.1341



59.5920, 2.1731, 2.9888



47.4820, 39.6954, 54.8283



0.0000, 0.0000, 0.0000

Inverse Universe

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



44.0140, -10.8529, 74.5327



52.8540, -14.7180, 100.9830



82.6900, -17.1022, -68.1341



59.2070, -0.5951, 4.2035



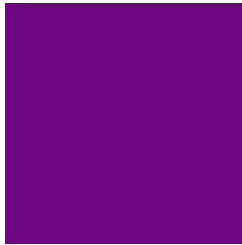
40.2100, -11.4425, 76.9918



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 51.1290, 38.3904, 53.3839 looks on a white background.

Color Contrast Check

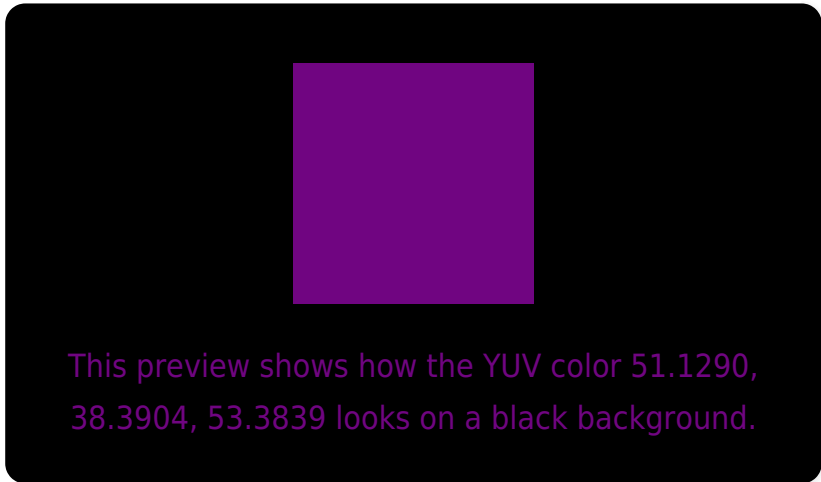
Large Text (above 18pt) WCAG AA ✓ Pass

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

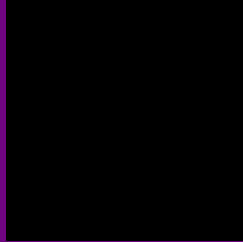
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.1290, 38.3904, 53.3839

Background



This preview shows how black text looks on a background with the YUV color 51.1290, 38.3904, 53.3839.



This preview shows how white text looks on a background with the YUV color 51.1290, 38.3904,

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

51.1290, 38.3904, 53.3839

Protanopia

53.6590, 40.5941, -47.0589

Deuteranopia

53.7100, 33.1740, -47.1037



Tritanopia

66.5910, -6.2074, 31.0537

Trichromacy



Original Color

51.1290, 38.3904, 53.3839

Protanomaly

52.6620, 39.6066, -10.2276

Deuteranomaly

52.8100, 35.0967, -10.3574

Tritanomaly

60.8860, 9.9162, 39.5650

Monochromacy



Original Color

51.1290, 38.3904, 53.3839

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.7910, 13.9070, 19.4773

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.1290, 38.3904, 53.3839 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(112, 5, 129)` looks like.

```
.text, #text, p{  
    color:rgb(112, 5, 129)  
}
```

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(112, 5, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 5, 129) }
```

Border

The CSS property to change the border of an element to YUV 51.1290, 38.3904, 53.3839 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(112, 5, 129) }
```


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

```
.border{ border-color:rgb(112, 5, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 5, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 5, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 5, 129);  
box-shadow:4px 4px 4px 4px rgb(112, 5,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 51.1290, 38.3904, 53.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 5, 129) }
```

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

```
.background{ background-color: rgb(112, 5,  
129) }
```

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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