

Converting Colors

YUV(52.9290, 35.0380, 55.3133)

Have a look what the booklet for
YUV(52.9290, 35.0380, 55.3133)
contains.

YUV(52.9290, 35.0380, 55.3133)	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(52.9290, 35.0380,
55.3133)**

Conversions

Conversions Part 1

Format	Color
Hex	74077C
RGB	116, 7, 124
RGB Percent	45%, 3%, 49%
CMY	0.5451, 0.9725, 0.5137
CMYK	0.06, 0.94, 0.00, 0.51
HSL	296°, 89%, 26%
HSV	296°, 94%, 49%
XYZ	10.9165, 5.3202, 19.5203
YIQ	52.9290, 27.4070, 59.4950

Conversions

Conversions Part 2

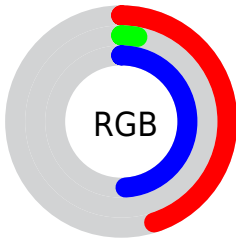
Format	Color
R_{YB}	116, 7, 124
Decimal	7604092
CIE _{Lab}	27.63, 54.99, -37.55
CIE _{LCh}	28, 66.590, 325.672
Yxy	5.3202, 0.3053, 0.1488
Android (android.graphics.Color)	4285794172 (0xFF74077C)
YUV	52.9290, 35.0380, 55.3133
Hunter-Lab	23.0656, 44.1162, -34.0311




Details

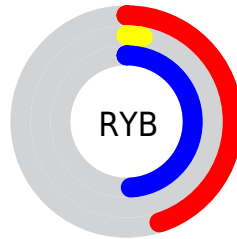
The YUV color **52.9290, 35.0380, 55.3133** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **78.0710, -35.0380, -55.3133**, and the grayscale version is **53.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **113.5710, 31.2705, 50.3652**, and **27.2730, 23.0364, 31.3326** is the 20% darker color. If you saturate the color by 10%, you get **48.8200, 37.0637, 58.9169**, and if you desaturate by 10%, it is **60.2720, 31.4179, 49.7505**.

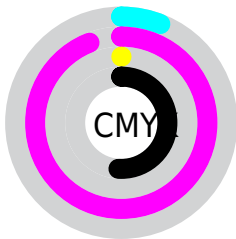
Distribution







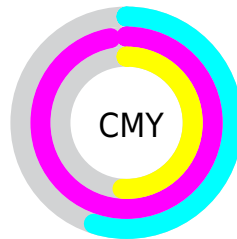
-  Red (45%)
-  Green (3%)
-  Blue (49%)






-  Red (45%)
-  Yellow (3%)
-  Blue (49%)



-  Cyan (6%)
-  Magenta (94%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (55%)
-  Magenta (97%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.9290, 35.0380, 55.3133 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 52.9290, 35.0380, 55.3133 by changing the saturation by 10% instead.

■ 52.9290, 35.0380,
55.3133

■ 52.9290, 35.0380,
55.3133

255.0000, 0.0000,
0.0000

■ 37.8970, 30.1238,
44.8173

■ 113.5710, 31.2705,
50.3652

■ 27.2730, 23.0364,
31.3326

■ 141.2830, 31.4125,
51.4948

■ 17.7740, 16.3804,
19.4922

■ 168.9950, 31.5545,
52.6244

■ 3.3060, 12.6671,
-2.8994


■ 195.1260, 29.5179,
52.5095


■ 0.0000, 0.0000,
0.0000


■ 211.5620, 21.4149,
38.0951


■ 228.5850, 13.0226,


23.1660


 245.6080, 4.6303,
8.2368


 52.9290, 35.0380,
55.3133


 52.9290, 35.0380,
55.3133


 48.8200, 37.0637,
58.9169

 60.2720, 31.4179,
49.7505

 68.2020, 27.5084,
43.6728

 75.5450, 23.8883,
38.1100

 83.1760, 20.1262,
31.4176

 90.5190, 16.5061,
25.8548

■ 97.8620, 12.8860,
20.2920

■ 105.7920, 8.9765,
14.2144

■ 113.1350, 5.3564,
8.6516

■ 121.0650, 1.4470,
2.5740

Harmonies

Analogous

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



52.3190, 53.0867, -40.6218



52.9290, 35.0380, 55.3133



52.2040, 11.2384, 82.2591

Triad

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



52.9290, 35.0380, 55.3133



61.8200, -30.4773, 22.0829



62.3210, 23.0127, -54.6555

Complementary

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



52.9290, 35.0380, 55.3133



78.0710, -35.0380, -55.3133

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.



55.6920, 0.1518, -48.8419



52.9290, 35.0380, 55.3133



54.7890, -27.0110, -16.4780

Square

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



52.9290, 35.0380, 55.3133



56.4470, -27.8284, 59.2440



47.5470, -23.4407, -41.6987



65.9350, 41.9370, -57.8250

Rectangle

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



52.9290, 35.0380, 55.3133



49.3390, -3.6181, 87.4027



47.5470, -23.4407, -41.6987



60.3830, 15.5872, -52.9559

Sweetspot

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



52.9290, 35.0380, 55.3133



133.6880, 13.4648, 21.3216



26.2080, 48.2115, -16.8454



64.9660, 8.3978, 13.1848



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.



52.9290, 35.0380, 55.3133



63.2040, 48.2134, 76.1201



49.7350, 12.4556, 65.1304



57.4780, 1.7363, 3.0888



48.9340, 37.5005, 58.8169



98.9930, 75.4325, 119.2781

Inverse Universe

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



42.8950, -13.7522, 71.1291



49.3930, -18.9277, 97.8793



81.2650, -12.4556, -65.1304



56.7940, -0.8844, 3.6887



38.4010, -14.4947, 75.9473



77.2860, -29.7210, 153.2242

Previews

White Background



This preview shows how the YUV color 52.9290, 35.0380, 55.3133 looks on a white background.

Color Contrast Check

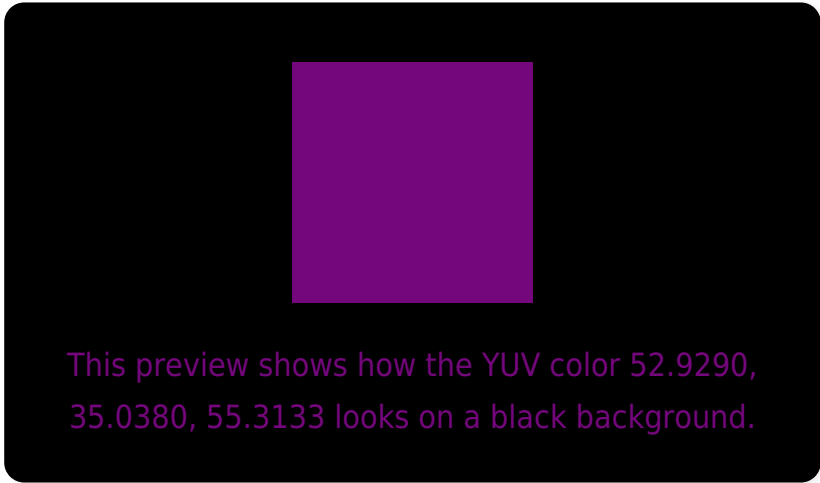
Large Text (above 18pt) WCAG AA ✓ Pass

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

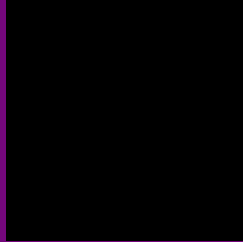
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.9290, 35.0380, 55.3133

Background



This preview shows how black text looks on a background with the YUV color 52.9290, 35.0380, 55.3133.



This preview shows how white text looks on a background with the YUV color 52.9290, 35.0380,

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

52.9290, 35.0380, 55.3133

Protanopia

53.8870, 41.4677, -47.2589

Deuteranopia

62.8110, 26.7152, -28.7752



Tritanopia

66.9830, -7.3866, 35.9719

Trichromacy



Original Color

52.9290, 35.0380, 55.3133

Protanomaly

53.5480, 39.1698, -10.1276

Deuteranomaly

58.9210, 30.1119, 1.8233

Tritanomaly

62.0390, 7.8688, 42.9388

Monochromacy



Original Color

52.9290, 35.0380, 55.3133

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.8620, 12.8860, 20.2920

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.9290, 35.0380, 55.3133 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(116, 7, 124)` looks like.

```
.text, #text, p{  
    color:rgb(116, 7, 124)  
}
```

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(116, 7, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 7, 124) }
```

Border

The CSS property to change the border of an element to YUV 52.9290, 35.0380, 55.3133 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(116, 7, 124) }
```


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

```
.border{ border-color:rgb(116, 7, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 7, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 7, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 7, 124);  
box-shadow:4px 4px 4px 4px rgb(116, 7,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 52.9290, 35.0380, 55.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 7, 124) }
```

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

```
.background{ background-color: rgb(116, 7,  
124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor