

Converting Colors

YUV(53.8460, 0.5689, 51.0011)

Have a look what the booklet for
YUV(53.8460, 0.5689, 51.0011)
contains.

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Color

**YUV(53.8460, 0.5689,
51.0011)**

Conversions

Conversions Part 1

Format	Color
Hex	701837
RGB	112, 24, 55
RGB Percent	44%, 9%, 22%
CMY	0.5608, 0.9059, 0.7843
CMYK	0.00, 0.79, 0.51, 0.56
HSL	339°, 65%, 27%
HSV	339°, 79%, 44%
XYZ	7.6983, 4.3738, 4.0529
YIQ	53.8460, 42.4970, 28.2970

Conversions

Conversions Part 2

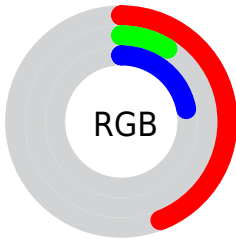
Format	Color
R_{YB}	112, 24, 55
Decimal	7346231
CIE Lab	24.87, 40.17, 3.69
CIE LCh	25, 40.335, 5.247
Yxy	4.3738, 0.4774, 0.2712
Android (android.graphics.Color)	4285536311 (0xFF701837)
YUV	53.8460, 0.5689, 51.0011
Hunter-Lab	20.9137, 29.1065, 3.1497

Details

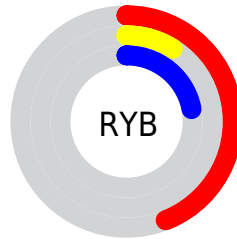
The YUV color **53.8460, 0.5689, 51.0011** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **82.1540, -0.5689, -51.0011**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.4720, -2.2047, 53.9601**, and **18.8950, -3.8922, 35.1721** is the 20% darker color. If you saturate the color by 10%, you get **46.5910, 0.6946, 57.3637**, and if you desaturate by 10%, it is **61.1010, 0.4432, 44.6384**.

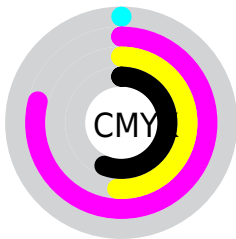
Distribution



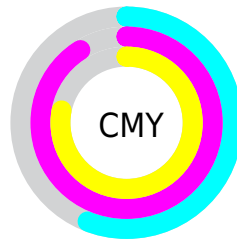
- Red (44%)
- Green (9%)
- Blue (22%)



- Red (44%)
- Yellow (9%)
- Blue (22%)



- Cyan (0%)
- Magenta (79%)
- Yellow (51%)
- Black (56%)



- Cyan (56%)
- Magenta (91%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.8460, 0.5689, 51.0011 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 53.8460, 0.5689, 51.0011 by changing the saturation by 10% instead.

■ 53.8460, 0.5689,
51.0011

■ 53.8460, 0.5689,
51.0011

255.0000, 0.0000,
0.0000

■ 29.2910, 2.3215,
48.8568

■ 106.4720, -2.2047,
53.9601

■ 18.8950, -3.8922,
35.1721

■ 132.8420, -3.3731,
55.3896

■ 9.6820, -4.2802,
19.5729

■ 160.0380, -3.9627,
57.8487


■ 0.0000, 0.0000,
0.0000


■ 187.6360, -4.2575,
59.0782


■ 207.2640, -0.1302,
41.8645


■ 226.8920, 3.9972,


24.6507


 246.1950, 4.3409,
7.7220


 53.8460, 0.5689,
51.0011

 53.8460, 0.5689,
51.0011


 46.5910, 0.6946,
57.3637

 61.1010, 0.4432,
44.6384


 39.2220, 0.3836,
63.8263

 68.4700, 0.7543,
38.1758

 37.9340, 0.5255,
64.9559

 76.3120, 0.3392,
31.2984

 83.5670, 0.2135,
24.9357

 90.8220, 0.0878,
18.5731

■ 98.1910, 0.3988,
12.1105

■ 105.4460, 0.2731,
5.7479

■ 113.2880, -0.1420,
-1.1296

■ 120.5430, -0.2677,
-7.4922

Harmonies

Analogous

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



58.0750, 13.2740, 35.8912



53.8460, 0.5689, 51.0011



54.6270, -14.1131, 46.8081

Triad

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



53.8460, 0.5689, 51.0011



50.0930, -24.6958, -12.3596



53.4990, 29.8270, -46.9186

Complementary

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



53.8460, 0.5689, 51.0011



82.1540, -0.5689, -51.0011

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.



52.9800, 20.2229, -46.4635



53.8460, 0.5689, 51.0011



45.3250, -6.5692, -39.7500

Square

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



53.8460, 0.5689, 51.0011



54.9650, -27.0977, 11.4317



50.1470, 6.8295, -43.9789



49.4870, 34.7629, -43.4001

Rectangle

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



53.8460, 0.5689, 51.0011



55.4120, -24.8531, 38.2267



50.1470, 6.8295, -43.9789



53.5160, 27.3536, -46.9335

Sweetspot

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



53.8460, 0.5689, 51.0011



121.9470, 0.5191, 20.2175



50.7760, 30.1834, 25.6294



60.0770, -0.0380, 12.2105



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



53.8460, 0.5689, 51.0011



55.1360, 0.9190, 78.8107



57.3560, -16.4445, 47.9228



52.0220, -0.0108, 3.4887



40.6680, 0.6567, 69.5742



83.7710, 1.5919, 143.1518

Inverse Universe

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



53.8460, 0.5689, 51.0011



55.1360, 0.9190, 78.8107



78.6440, 16.4445, -47.9228



52.0220, -0.0108, 3.4887



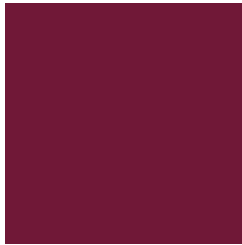
40.6680, 0.6567, 69.5742



83.7710, 1.5919, 143.1518

Previews

White Background



This preview shows how the YUV color 53.8460, 0.5689, 51.0011 looks on a white background.

Color Contrast Check

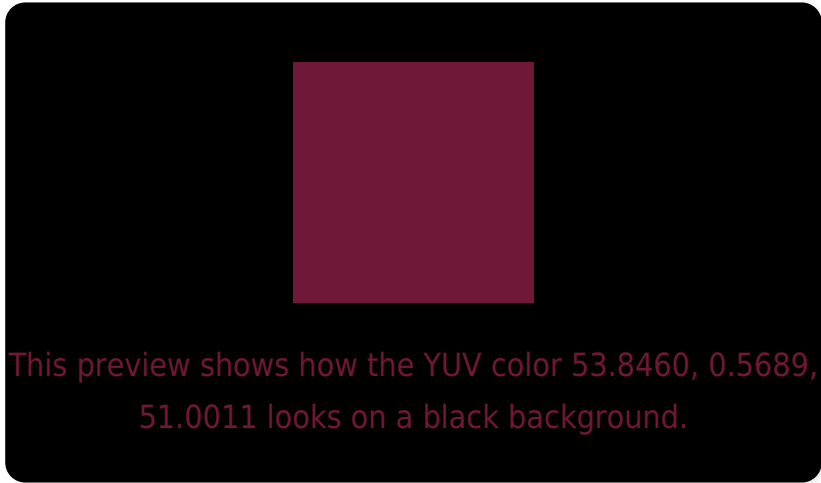
Large Text (above 18pt) WCAG AA ✓ Pass

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

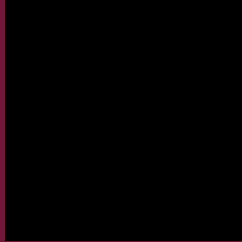
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.8460, 0.5689, 51.0011

Background



This preview shows how black text looks on a background with the YUV color 53.8460, 0.5689, 51.0011.



This preview shows how white text looks on a background with the YUV color 53.8460, 0.5689,

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

53.8460, 0.5689, 51.0011

Protanopia

60.9980, 6.4100, -2.6292

Deuteranopia

60.7900, -4.8265, 8.0772



Tritanopia

54.3330, -11.5032, 49.6970

Trichromacy



Original Color

53.8460, 0.5689, 51.0011

Protanomaly

58.5490, 4.1663, 17.0585

Deuteranomaly

58.3450, -3.1281, 23.3764

Tritanomaly

54.1850, -6.9932, 49.8268

Monochromacy



Original Color

53.8460, 0.5689, 51.0011

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8220, 0.0878, 18.5731

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.8460, 0.5689, 51.0011 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, 24, 55)` looks like.

```
.text, #text, p{  
    color:rgb(112, 24, 55)  
}
```

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, 24, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 24, 55) }
```

Border

The CSS property to change the border of an element to YUV 53.8460, 0.5689, 51.0011 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, 24, 55) }
```


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

```
.border{ border-color:rgb(112, 24, 55) }
```

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

Here you see how a box with a 4 pixel rgb(112, 24, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 24, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 24, 55);  
box-shadow:4px 4px 4px 4px rgb(112, 24,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 53.8460, 0.5689, 51.0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 24, 55) }
```

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

```
.background{ background-color: rgb(112, 24,  
55) }
```

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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