

Converting Colors

YUV(58.7070, 38.1054, 4.6420)

Have a look what the booklet for
YUV(58.7070, 38.1054, 4.6420)
contains.

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Color

**YUV(58.7070, 38.1054,
4.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	402988
RGB	64, 41, 136
RGB Percent	25%, 16%, 53%
CMY	0.7490, 0.8392, 0.4667
CMYK	0.53, 0.70, 0.00, 0.47
HSL	255°, 54%, 35%
HSV	255°, 70%, 53%
XYZ	7.3512, 4.4534, 23.7647
YIQ	58.7070, -16.7870, 34.4210

Conversions

Conversions Part 2

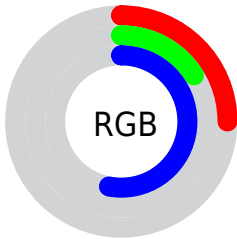
Format	Color
RYB	64, 41, 136
Decimal	4204936
CIELab	25.12, 35.80, -49.53
CIELCh	25, 61.111, 305.864
Yxy	4.4534, 0.2067, 0.1252
Android (android.graphics.Color)	4282395016 (0xFF402988)
YUV	58.7070, 38.1054, 4.6420
Hunter-Lab	21.1032, 25.2494, -51.9954

Details

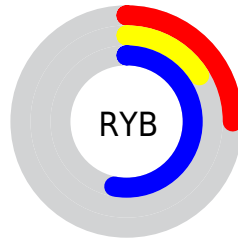
The YUV color **58.7070, 38.1054, 4.6420** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **118.2930, -38.1054, -4.6420**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.8970, 39.9838, 8.8603**, and **9.6900, 37.1278, -8.4981** is the 20% darker color. If you saturate the color by 10%, you get **47.4990, 43.6310, 5.7014**, and if you desaturate by 10%, it is **69.9150, 32.5799, 3.5825**.

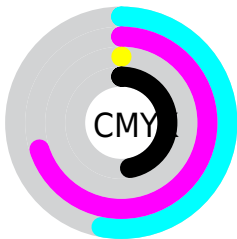
Distribution



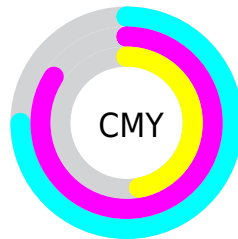
- Red (25%)
- Green (16%)
- Blue (53%)



- Red (25%)
- Yellow (16%)
- Blue (53%)



- Cyan (53%)
- Magenta (70%)
- Yellow (0%)
- Black (47%)



- Cyan (75%)
- Magenta (84%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.7070, 38.1054, 4.6420 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 58.7070, 38.1054, 4.6420 by changing the saturation by 10% instead.

■ 58.7070, 38.1054,
4.6420

■ 58.7070, 38.1054,
4.6420

■ 255.0000, 0.0000,
0.0000

■ 33.5710, 37.6795,
1.2532

■ 108.8970, 39.9838,
8.8603

■ 9.6900, 37.1278,
-8.4981

■ 134.8370, 40.9994,
9.7900

■ 6.9540, 26.6447,
-6.0987

■ 161.7770, 42.0149,
10.7196

■ 6.0930, 15.7302,
-5.3436

■ 187.2090, 33.4210,
13.8487

■ 2.2970, 6.2626,
-2.0145

■ 211.7290, 21.3326,
17.7777

■ 0.0000, 0.0000,
0.0000

■ 235.0420, 9.8393,

17.5032

252.0650, 1.4470,
2.5740

58.7070, 38.1054,
4.6420

58.7070, 38.1054,
4.6420

47.4990, 43.6310,
5.7014

69.9150, 32.5799,
3.5825

36.5790, 49.0146,
5.6312

80.8350, 27.1963,
3.6527

25.3710, 54.5401,
6.6906

92.0430, 21.6708,
2.5933

102.6640, 16.4346,
2.0487

114.1710, 10.7617,
1.6040

■ 125.3790, 5.2362,
0.5446

■ 136.0000, 0.0000,
0.0000

■ 147.2080, -5.5255,
-1.0594

■ 158.1280,
-10.9091, -0.9893

Harmonies

Analogous

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



55.1240, 48.7459, -48.3437



58.7070, 38.1054, 4.6420



46.7530, 25.2648, 63.3606

Triad

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



58.7070, 38.1054, 4.6420



54.8640, -27.0480, 42.2153



52.9510, 7.4192, -46.4380

Complementary

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



58.7070, 38.1054, 4.6420



118.2930, -38.1054, -4.6420

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.



45.9630, -14.2788, -40.3096



58.7070, 38.1054, 4.6420



55.5410, -27.3817, 9.1725

Square

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



58.7070, 38.1054, 4.6420



38.8420, -16.6841, 78.1916



42.8730, -21.1364, -34.0916



58.0810, 27.0751, -50.9370

Rectangle

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



58.7070, 38.1054, 4.6420



47.5190, 10.0971, 74.9668



42.8730, -21.1364, -34.0916



51.1270, 0.4304, -44.8384

Sweetspot

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



58.7070, 38.1054, 4.6420



145.9090, 14.8349, 1.8338



94.6810, 20.3703, -47.0782



71.0030, 8.8725, 0.8744



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



58.7070, 38.1054, 4.6420



55.6360, 59.3395, 7.3352



72.7600, 31.1773, 33.5365



63.3960, 2.7628, 0.5297



24.7300, 53.3771, 6.3758



0.8690, 2.0366, 0.1149

Inverse Universe

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



77.6130, 17.4458, 51.2054



85.0200, 27.1051, 79.7895



104.2400, -31.1773, -33.5365



64.6630, 1.1521, 3.8035



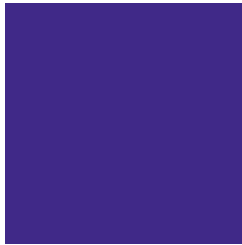
51.1670, 24.0747, 71.7675



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 58.7070, 38.1054, 4.6420 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



This preview shows how the YUV color 58.7070, 38.1054, 4.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

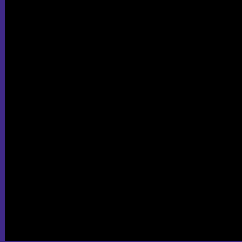
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.7070, 38.1054, 4.6420

Background



This preview shows how black text looks on a background with the YUV color 58.7070, 38.1054, 4.6420.



This preview shows how white text looks on a background with the YUV color 58.7070, 38.1054,

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

58.7070, 38.1054, 4.6420

Protanopia

47.9540, 36.5047, -42.0557

Deuteranopia

48.3640, 27.9215, -42.4152



Tritanopia

57.2910, 5.2795, -13.4102

Trichromacy



Original Color

58.7070, 38.1054, 4.6420

Protanomaly

51.8790, 37.0347, -25.3269

Deuteranomaly

51.7990, 31.6511, -25.2567

Tritanomaly

57.8370, 17.3354, -6.8730

Monochromacy



Original Color

58.7070, 38.1054, 4.6420

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.6810, 13.9613, 2.0338

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.7070, 38.1054, 4.6420 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(64, 41, 136)` looks like.

```
.text, #text, p{  
    color:rgb(64, 41, 136)  
}
```

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(64, 41, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 41, 136) }
```

Border

The CSS property to change the border of an element to YUV 58.7070, 38.1054, 4.6420 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(64, 41, 136) }
```


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

```
.border{ border-color:rgb(64, 41, 136) }
```

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

Here you see how a box with a 4 pixel rgb(64, 41, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 41, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 41, 136);  
box-shadow:4px 4px 4px 4px rgb(64, 41,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 58.7070, 38.1054, 4.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 41, 136) }
```

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

```
.background{ background-color: rgb(64, 41,  
136) }
```

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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