

Converting Colors

YUV(57.8580, 42.4680, 5.3865)

Have a look what the booklet for
YUV(57.8580, 42.4680, 5.3865)
contains.

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Color

**YUV(57.8580, 42.4680,
5.3865)**

Conversions

Conversions Part 1

Format	Color
Hex	402690
RGB	64, 38, 144
RGB Percent	25%, 15%, 56%
CMY	0.7490, 0.8510, 0.4353
CMYK	0.56, 0.74, 0.00, 0.44
HSL	255°, 58%, 36%
HSV	255°, 74%, 56%
XYZ	7.8415, 4.4898, 26.8389
YIQ	57.8580, -18.5300, 38.4780

Conversions

Conversions Part 2

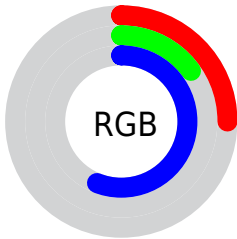
Format	Color
R _Y B	64, 38, 144
Decimal	4204176
CIE Lab	25.23, 39.96, -54.32
CIE LCh	25, 67.429, 306.339
Yxy	4.4898, 0.2002, 0.1146
Android (android.graphics.Color)	4282394256 (0xFF402690)
YUV	57.8580, 42.4680, 5.3865
Hunter-Lab	21.1892, 28.9765, -60.2660

Details

The YUV color **57.8580, 42.4680, 5.3865** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **124.1420, -42.4680, -5.3865**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.0480, 44.3463, 9.6049**, and **10.4880, 40.1854, -9.1980** is the 20% darker color. If you saturate the color by 10%, you get **46.3510, 48.1410, 5.8312**, and if you desaturate by 10%, it is **69.3650, 36.7951, 4.9419**.

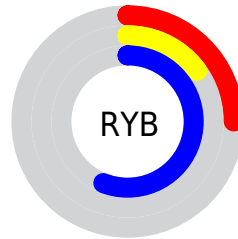
Distribution



Red (25%)

Green (15%)

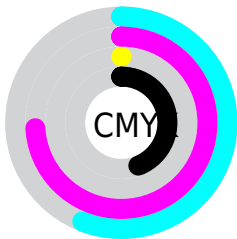
Blue (56%)



Red (25%)

Yellow (15%)

Blue (56%)

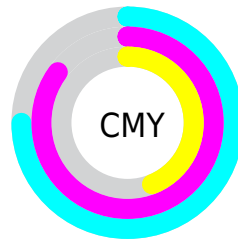


Cyan (56%)

Magenta (74%)

Yellow (0%)

Black (44%)



Cyan (75%)

Magenta (85%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.8580, 42.4680, 5.3865 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 57.8580, 42.4680, 5.3865 by changing the saturation by 10% instead.

■ 57.8580, 42.4680,
5.3865

■ 57.8580, 42.4680,
5.3865

■ 255.0000, 0.0000,
0.0000

■ 31.5370, 42.6263,
1.2831

■ 109.0480, 44.3463,
9.6049

■ 10.4880, 40.1854,
-9.1980

■ 135.2870, 45.2145,
11.1493

■ 7.7520, 29.7023,
-6.7985

■ 162.1130, 45.7933,
12.1789

■ 6.8910, 18.7877,
-6.0434

■ 186.0460, 33.9943,
16.6227

■ 3.2090, 9.7570,
-2.8143

■ 211.4520, 21.4692,
20.6516

■ 0.0000, 0.0000,
0.0000

■ 233.8680, 10.4181,

18.5328

250.3040, 2.3151,
4.1184

57.8580, 42.4680,
5.3865

57.8580, 42.4680,
5.3865

46.3510, 48.1410,
5.8312

69.3650, 36.7951,
4.9419

34.2570, 54.1033,
6.7906

81.4590, 30.8327,
3.9825

26.8810, 57.7397,
7.1204

92.9660, 25.1598,
3.5378

104.7610, 19.3448,
1.9636

116.2680, 13.6719,
1.5190

■ 127.7750, 7.9989,
1.0743

■ 139.8690, 2.0366,
0.1149

■ 151.3760, -3.6364,
-0.3298

■ 163.4700, -9.5987,
-1.2892

Harmonies

Analogous

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



56.8510, 52.8245, -49.8583



57.8580, 42.4680, 5.3865



49.0030, 26.1275, 66.6494

Triad

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



57.8580, 42.4680, 5.3865



54.8750, -27.0534, 43.9596



53.7660, 8.0034, -47.1528

Complementary

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



57.8580, 42.4680, 5.3865



124.1420, -42.4680, -5.3865

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.



45.9800, -16.7521, -40.3245



57.8580, 42.4680, 5.3865



55.8290, -27.5237, 8.0430

Square

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



57.8580, 42.4680, 5.3865



40.0660, -19.7525, 82.3801



42.2640, -20.8362, -37.0655



60.0530, 29.5539, -52.6665

Rectangle

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



57.8580, 42.4680, 5.3865



49.7260, 9.5021, 79.1703



42.2640, -20.8362, -37.0655



51.7140, 0.1410, -45.3532

Sweetspot

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



57.8580, 42.4680, 5.3865



152.6640, 16.4346, 2.0487



97.6310, 22.8599, -52.2964



74.5300, 9.5987, 1.2892



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



57.8580, 42.4680, 5.3865



52.9550, 65.5912, 8.8095



73.4060, 34.8028, 37.3549



65.3960, 2.7628, 0.5297



25.2570, 54.1033, 6.7906



1.5100, 3.1996, 0.4297

Inverse Universe

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



78.8140, 19.3187, 57.1681



85.1720, 29.9882, 88.4262



108.5940, -34.8028, -37.3549



66.7770, 1.5889, 3.7036



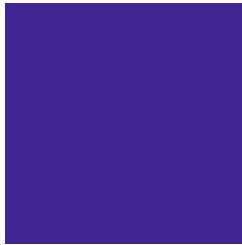
51.9930, 24.6535, 72.7971



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 57.8580, 42.4680, 5.3865 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 57.8580, 42.4680, 5.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

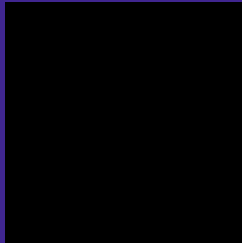
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.8580, 42.4680, 5.3865

Background



This preview shows how black text looks on a background with the YUV color 57.8580, 42.4680, 5.3865.



This preview shows how white text looks on a background with the YUV color 57.8580, 42.4680,

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

57.8580, 42.4680, 5.3865

Deuteranopia

48.3640, 27.9215, -42.4152

Tritanopia

56.6110, 6.6008, -17.1988

Trichromacy



Original Color

57.8580, 42.4680, 5.3865

Deuteranomaly

51.5540, 33.2509, -25.0419

Tritanomaly

57.3960, 19.5248, -9.1173

Monochromacy



Original Color

57.8580, 42.4680, 5.3865

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.0230, 15.2717, 1.7338

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.8580, 42.4680, 5.3865 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, 38, 144)` looks like.

```
.text, #text, p{  
    color:rgb(64, 38, 144)  
}
```

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, 38, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 38, 144) }
```

Border

The CSS property to change the border of an element to YUV 57.8580, 42.4680, 5.3865 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, 38, 144) }
```

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

```
.border{ border-color:rgb(64, 38, 144) }
```

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

Here you see how a box with a 4 pixel rgb(64, 38, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 38, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 38, 144);  
box-shadow:4px 4px 4px 4px rgb(64, 38,  
144) }
```


Background

The CSS property to change the background color of an element to YUV 57.8580, 42.4680, 5.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 38, 144) }
```

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

```
.background{ background-color: rgb(64, 38,  
144) }
```

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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