

Converting Colors

YUV(57.7050, 64.7284, 5.5207)

Have a look what the booklet for
YUV(57.7050, 64.7284, 5.5207)
contains.

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Color

**YUV(57.7050, 64.7284,
5.5207)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 401DBD |
| RGB | 64, 29, 189 |
| RGB Percent | 25%, 11%, 74% |
| CMY | 0.7490, 0.8863, 0.2588 |
| CMYK | 0.66, 0.85, 0.00, 0.26 |
| HSL | 253°, 73%, 43% |
| HSV | 253°, 85%, 74% |
| XYZ | 11.7390, 5.6428, 48.6146 |
| YIQ | 57.7050, -30.5000, 57.1800 |

Conversions

Conversions Part 2

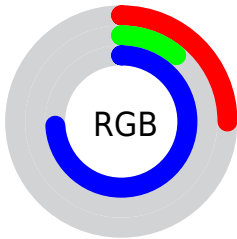
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 64, 29, 189 |
| Decimal | 4201917 |
| CIE Lab | 28.49, 57.22, -76.15 |
| CIE LCh | 28, 95.253, 306.922 |
| Yxy | 5.6428, 0.1779, 0.0855 |
| Android (android.graphics.Color) | 4282391997 (0xFF401DBD) |
| YUV | 57.7050, 64.7284, 5.5207 |
| Hunter-Lab | 23.7547, 46.6400, -104.7103 |

Details

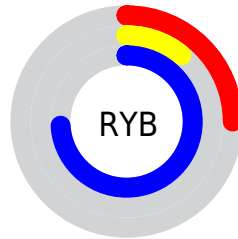
The YUV color **57.7050, 64.7284, 5.5207** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **160.2950, -64.7284, -5.5207**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.2760, 65.4329, 12.9129**, and **15.2760, 58.5309, -13.3971** is the 20% darker color. If you saturate the color by 10%, you get **42.0670, 72.4380, 6.0802**, and if you desaturate by 10%, it is **73.3430, 57.0189, 4.9612**.

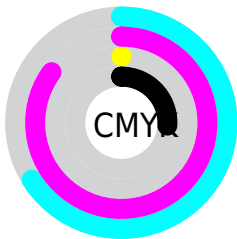
Distribution



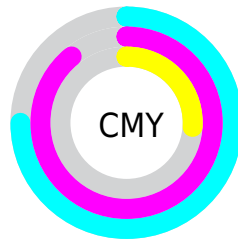
- Red (25%)
- Green (11%)
- Blue (74%)



- Red (25%)
- Yellow (11%)
- Blue (74%)



- Cyan (66%)
- Magenta (85%)
- Yellow (0%)
- Black (26%)



- Cyan (75%)
- Magenta (89%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.7050, 64.7284, 5.5207 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 57.7050, 64.7284, 5.5207 by changing the saturation by 10% instead.

■ 57.7050, 64.7284,
5.5207

■ 57.7050, 64.7284,
5.5207

■ 255.0000, 0.0000,
0.0000

■ 23.4370, 67.8186,
-5.6452

■ 114.2760, 65.4329,
12.9129

■ 15.2760, 58.5309,
-13.3971

■ 139.4200, 56.9809,
17.1717

■ 12.3120, 47.1742,
-10.7976

■ 163.6520, 45.0346,
22.2302

■ 12.2830, 34.3705,
-10.7722

■ 188.4710, 32.7988,
26.7739

■ 10.1340, 23.5979,
-8.8875

■ 214.1760, 20.1262,
31.4176


■ 5.2780, 15.1459,
-4.6288

■ 232.1070, 11.2862,


■ 1.2540, 4.8048,


20.0772


-1.0998


 249.1300, 2.8939,
5.1480


 0.0000, 0.0000,
0.0000


 57.7050, 64.7284,
5.5207


 57.7050, 64.7284,
5.5207

 42.0670, 72.4380,
6.0802


 73.3430, 57.0189,
4.9612

 33.8050, 76.5111,
6.3100

 88.9810, 49.3094,
4.4017

 104.3200, 41.7472,
3.2274

 119.9580, 34.0377,
2.6678

 135.5960, 26.3282,
2.1083

■ 150.6470, 18.9080,
2.0636

■ 165.9860, 11.3459,
0.8893

■ 181.6240, 3.6364,
0.3298

■ 197.2620, -4.0732,
-0.2298

Harmonies

Analogous

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



69.6920, 74.1018, -61.1199



57.7050, 64.7284, 5.5207



62.3180, 31.8882, 85.6671

Triad

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



57.7050, 64.7284, 5.5207



58.8060, -28.9914, 58.9291



62.2920, 10.2090, -54.6301

Complementary

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



57.7050, 64.7284, 5.5207



160.2950, -64.7284, -5.5207

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.



51.6560, -25.4664, -45.3023



57.7050, 64.7284, 5.5207



62.0090, -30.5704, 5.2541

Square

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



57.7050, 64.7284, 5.5207



49.9330, -24.6170, 102.6678



49.3080, -24.3088, -43.2431



71.7880, 41.5165, -62.9581

Rectangle

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



57.7050, 64.7284, 5.5207



62.8260, 7.9738, 102.7616



49.3080, -24.3088, -43.2431



59.4420, -0.7109, -52.1306

Sweetspot

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



57.7050, 64.7284, 5.5207



194.8410, 24.7284, 1.8934



120.6150, 33.7138, -80.3464



92.4960, 14.5455, 1.3190



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



57.7050, 64.7284, 5.5207



44.0760, 99.0555, 8.7033



81.6250, 52.9359, 54.7029



86.6240, 3.6364, 0.3298



28.4770, 63.8548, 5.7207



5.6270, 12.5089, 1.2041

Inverse Universe

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



91.0900, 31.0146, 85.8671



95.0290, 47.3137, 131.5246



136.3750, -52.9359, -54.7029



88.4890, 1.7309, 4.8331



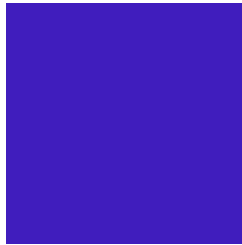
61.3780, 30.8726, 84.7375



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 57.7050, 64.7284, 5.5207 looks on a white background.

Color Contrast Check

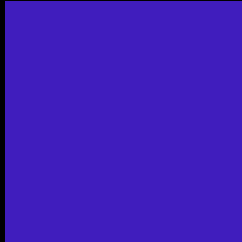
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.7050, 64.7284, 5.5207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

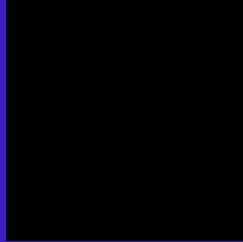
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.7050, 64.7284, 5.5207

Background



This preview shows how black text looks on a background with the YUV color 57.7050, 64.7284, 5.5207.



This preview shows how white text looks on a background with the YUV color 57.7050, 64.7284, 5.5207.

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

57.7050, 64.7284, 5.5207

Protanopia

53.7730, 41.0309, -47.1589

Deuteranopia

54.4280, 30.8480, -47.7334



Tritanopia

53.1450, 13.2395, -46.6082

Trichromacy



Original Color

57.7050, 64.7284, 5.5207

Protanomaly

55.1850, 49.7018, -28.2262

Deuteranomaly

55.4640, 43.1552, -28.4709

Tritanomaly

54.6030, 32.2407, -27.7158

Monochromacy



Original Color

57.7050, 64.7284, 5.5207

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.6130, 23.8548, 2.0934

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.7050, 64.7284, 5.5207 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, 29, 189)` looks like.

```
.text, #text, p{  
    color:rgb(64, 29, 189)  
}
```

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, 29, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 29, 189) }
```

Border

The CSS property to change the border of an element to YUV 57.7050, 64.7284, 5.5207 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, 29, 189) }
```


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

```
.border{ border-color:rgb(64, 29, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 29, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 29, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 29, 189);  
box-shadow:4px 4px 4px 4px rgb(64, 29,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 57.7050, 64.7284, 5.5207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 29, 189) }
```

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

```
.background{ background-color: rgb(64, 29,  
189) }
```

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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