

Converting Colors

YUV(57.8420, -6.8241, 42.2346)

Have a look what the booklet for
YUV(57.8420, -6.8241, 42.2346)
contains.

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Color

**YUV(57.8420, -6.8241,
42.2346)**

Conversions

Conversions Part 1

Format	Color
Hex	6A242C
RGB	106, 36, 44
RGB Percent	42%, 14%, 17%
CMY	0.5843, 0.8588, 0.8275
CMYK	0.00, 0.66, 0.58, 0.58
HSL	353°, 49%, 28%
HSV	353°, 66%, 42%
XYZ	7.0294, 4.5078, 2.8825
YIQ	57.8420, 39.1520, 17.3280

Conversions

Conversions Part 2

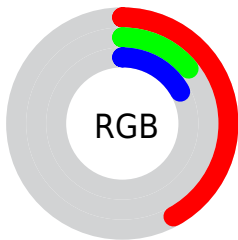
Format	Color
RYB	106, 36, 44
Decimal	6956076
CIELab	25.28, 31.93, 11.57
CIELCh	25, 33.961, 19.922
Yxy	4.5078, 0.4875, 0.3126
Android (android.graphics.Color)	4285146156 (0xFF6A242C)
YUV	57.8420, -6.8241, 42.2346
Hunter-Lab	21.2315, 21.9429, 6.8126

Details

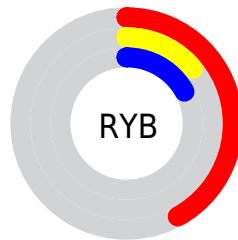
The YUV color **57.8420, -6.8241, 42.2346** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **84.1580, 6.8241, -42.2346**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.1800, -9.4557, 46.3231**, and **16.4450, -8.1074, 33.8127** is the 20% darker color. If you saturate the color by 10%, you get **50.3590, -7.5720, 48.7972**, and if you desaturate by 10%, it is **65.3250, -6.0762, 35.6720**.

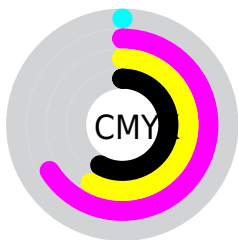
Distribution



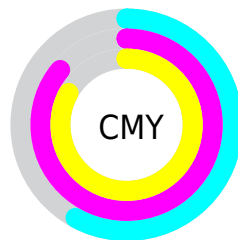
- Red (42%)
- Green (14%)
- Blue (17%)



- Red (42%)
- Yellow (14%)
- Blue (17%)



- Cyan (0%)
- Magenta (66%)
- Yellow (58%)
- Black (58%)



- Cyan (58%)
- Magenta (86%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.8420, -6.8241, 42.2346 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 57.8420, -6.8241, 42.2346 by changing the saturation by 10% instead.

■ 57.8420, -6.8241,
42.2346

■ 57.8420, -6.8241,
42.2346

■ 255.0000, 0.0000,
0.0000

■ 32.2270, -4.0559,
41.0199

■ 108.1800, -9.4557,
46.3231

■ 16.4450, -8.1074,
33.8127

■ 134.0770, -9.8980,
48.1675

■ 7.2900, -3.1010,
14.6547

■ 160.8600,
-10.7770, 50.1118

■ 0.0000, 0.0000,
0.0000

■ 188.7570,
-11.2192, 51.9561

■ 209.7770, -8.2711,
39.6606

■ 229.4050, -4.1437,

22.4468

249.6200, -0.3057,
4.7183

57.8420, -6.8241,
42.2346

57.8420, -6.8241,
42.2346

50.3590, -7.5720,
48.7972

65.3250, -6.0762,
35.6720

43.3490, -9.0461,
54.9449

72.3350, -4.6022,
29.5242

35.8660, -9.7939,
61.5075

79.8180, -3.8543,
22.9616

33.0620, -10.3836,
63.9666

86.8280, -2.3802,
16.8138

94.3110, -1.6323,
10.2513

■ 101.7940, -0.8844,
3.6887

■ 108.8040, 0.5896,
-2.4591

■ 116.2870, 1.3375,
-9.0217

■ 123.1830, 2.3748,
-15.0695

Harmonies

Analogous

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



59.6100, 5.1223, 37.1760



57.8420, -6.8241, 42.2346



58.1110, -18.2957, 34.9827

Triad

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



57.8420, -6.8241, 42.2346



50.5290, -12.5858, -23.2659



50.8090, 29.6742, -44.5595

Complementary

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



57.8420, -6.8241, 42.2346



84.1580, 6.8241, -42.2346

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.



52.3760, 22.9856, -45.9338



57.8420, -6.8241, 42.2346



47.3770, 1.2931, -41.5496

Square

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



57.8420, -6.8241, 42.2346



54.8820, -24.5918, 0.9805



51.0420, 12.7973, -44.7638



58.6280, 24.3404, -13.7058

Rectangle

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



57.8420, -6.8241, 42.2346



57.4490, -24.3784, 25.9162



51.0420, 12.7973, -44.7638



51.6410, 27.7850, -45.2892

Sweetspot

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



57.8420, -6.8241, 42.2346



118.7140, -2.8170, 16.9138



62.5180, 21.4366, 31.1177



57.3110, -1.6323, 10.2513



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



57.8420, -6.8241, 42.2346



62.9590, -10.8258, 65.8110



72.7790, -18.1320, 29.1348



49.9080, -0.4476, 3.5887



36.4650, -11.5682, 70.6292



76.4470, -23.8844, 147.8210

Inverse Universe

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



57.8420, -6.8241, 42.2346



62.9590, -10.8258, 65.8110



69.2210, 18.1320, -29.1348



49.9080, -0.4476, 3.5887



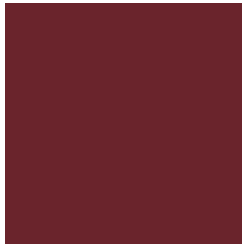
36.4650, -11.5682, 70.6292



76.4470, -23.8844, 147.8210

Previews

White Background



This preview shows how the YUV color 57.8420, -6.8241, 42.2346 looks on a white background.

Color Contrast Check

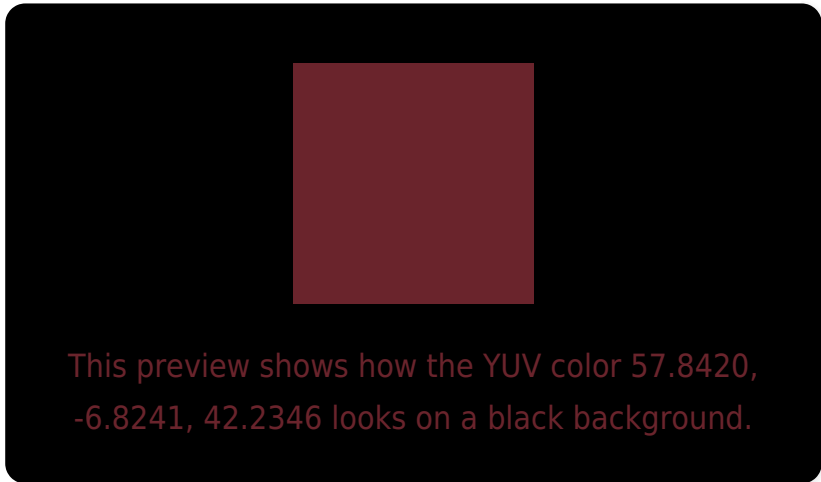
Large Text (above 18pt) WCAG AA ✓ Pass

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

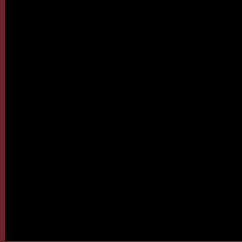
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.8420, -6.8241, 42.2346

Background



This preview shows how black text looks on a background with the YUV color 57.8420, -6.8241, 42.2346.



This preview shows how white text looks on a background with the YUV color 57.8420, -6.8241,

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

57.8420, -6.8241, 42.2346

Protanopia

61.2130, -3.0630, 2.4442

Deuteranopia

60.5470, -9.6367, 10.9213



Tritanopia

57.8590, -9.2975, 42.2197

Trichromacy



Original Color

57.8420, -6.8241, 42.2346

Protanomaly

59.9590, -4.4168, 16.6990

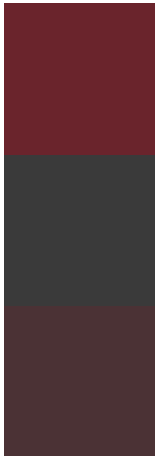
Deuteranomaly

59.5530, -8.6536, 22.3170

Tritanomaly

58.0870, -8.4239, 42.0197

Monochromacy



Original Color

57.8420, -6.8241, 42.2346

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.8170, -2.3748, 15.0695

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.8420, -6.8241, 42.2346 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(106, 36, 44)` looks like.

```
.text, #text, p{  
    color:rgb(106, 36, 44)  
}
```

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(106, 36, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 36, 44) }
```

Border

The CSS property to change the border of an element to YUV 57.8420, -6.8241, 42.2346 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(106, 36, 44) }
```


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

```
.border{ border-color:rgb(106, 36, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 36, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 36, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 36, 44);  
box-shadow:4px 4px 4px 4px rgb(106, 36,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 57.8420, -6.8241, 42.2346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 36, 44) }
```

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

```
.background{ background-color: rgb(106, 36,  
44) }
```

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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