

Converting Colors

YUV(58.3180, 1.3222, 42.6941)

Have a look what the booklet for
YUV(58.3180, 1.3222, 42.6941)
contains.

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Color

**YUV(58.3180, 1.3222,
42.6941)**

Conversions

Conversions Part 1

Format	Color
Hex	6B213D
RGB	107, 33, 61
RGB Percent	42%, 13%, 24%
CMY	0.5804, 0.8706, 0.7608
CMYK	0.00, 0.69, 0.43, 0.58
HSL	337°, 53%, 27%
HSV	337°, 69%, 42%
XYZ	7.4496, 4.5504, 4.9006
YIQ	58.3180, 35.1160, 24.3960

Conversions

Conversions Part 2

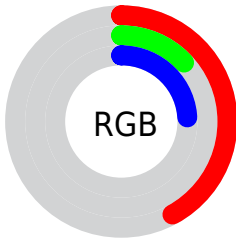
Format	Color
R_{YB}	107, 33, 61
Decimal	7020861
CIE _{Lab}	25.41, 35.47, 0.26
CIE _{LCh}	25, 35.472, 0.421
Yxy	4.5504, 0.4408, 0.2692
Android (android.graphics.Color)	4285210941 (0xFF6B213D)
YUV	58.3180, 1.3222, 42.6941
Hunter-Lab	21.3317, 25.0060, 1.3115

Details

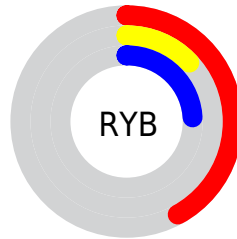
The YUV color **58.3180, 1.3222, 42.6941** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **81.6820, -1.3222, -42.6941**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.1720, -0.5778, 45.4532**, and **18.9100, 0.0444, 32.5279** is the 20% darker color. If you saturate the color by 10%, you get **51.0630, 1.4479, 49.0567**, and if you desaturate by 10%, it is **65.5730, 1.1965, 36.3315**.

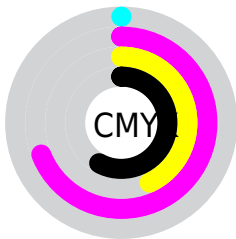
Distribution



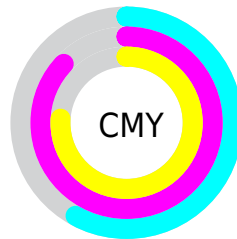
- Red (42%)
- Green (13%)
- Blue (24%)



- Red (42%)
- Yellow (13%)
- Blue (24%)



- Cyan (0%)
- Magenta (69%)
- Yellow (43%)
- Black (58%)



- Cyan (58%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.3180, 1.3222, 42.6941 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 58.3180, 1.3222, 42.6941 by changing the saturation by 10% instead.

■ 58.3180, 1.3222,
42.6941

■ 58.3180, 1.3222,
42.6941

■ 255.0000, 0.0000,
0.0000

■ 31.6000, 3.6482,
43.3238

■ 109.1720, -0.5778,
45.4532

■ 18.9100, 0.0444,
32.5279

■ 135.3680, -1.1674,
47.9123

■ 8.7850, -3.8380,
17.7286

■ 162.0800, -1.0254,
49.0418

■ 0.0000, 0.0000,
0.0000

■ 189.9770, -1.4677,
50.8862

■ 210.9970, 1.4805,
38.5906

■ 231.3260, 5.7553,

20.7621

249.1300, 2.8939,
5.1480

58.3180, 1.3222,
42.6941

58.3180, 1.3222,
42.6941

51.0630, 1.4479,
49.0567

65.5730, 1.1965,
36.3315

44.5090, 1.7211,
54.8046

72.1270, 0.9234,
30.5836

37.2540, 1.8468,
61.1672

79.3820, 0.7977,
24.2210

36.5530, 1.6994,
61.7820

86.6370, 0.6720,
17.8584

93.1910, 0.3988,
12.1105

■ 100.4460, 0.2731,
5.7479

■ 107.7010, 0.1474,
-0.6148

■ 114.8420, -0.4151,
-6.8774

■ 121.5100, -0.2514,
-12.7253

Harmonies

Analogous

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



61.7920, 12.4275, 27.3694



58.3180, 1.3222, 42.6941



57.4030, -11.0447, 42.6196

Triad

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



58.3180, 1.3222, 42.6941



53.2940, -22.8229, -6.3968



53.2880, 26.4800, -46.7336

Complementary

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



58.3180, 1.3222, 42.6941



81.6820, -1.3222, -42.6941

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.



52.1820, 17.1653, -45.7636



58.3180, 1.3222, 42.6941



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.



58.3180, 1.3222, 42.6941



56.4600, -27.8348, 14.5056



49.6910, 5.0823, -43.5790



49.9770, 31.5633, -43.8298

Rectangle

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



58.3180, 1.3222, 42.6941



58.1820, -19.3167, 35.7974



49.6910, 5.0823, -43.5790



53.1910, 23.5698, -46.6485

Sweetspot

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



58.3180, 1.3222, 42.6941



120.9250, 0.5300, 16.7288



55.1900, 25.5423, 20.8814



59.7670, 0.1149, 9.8513



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



58.3180, 1.3222, 42.6941



63.7000, 2.1199, 66.9151



60.4090, -13.5126, 40.8603



50.0220, -0.0108, 3.4887



39.9990, 1.9725, 67.5299



83.8570, 4.5075, 141.3224

Inverse Universe

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



58.3180, 1.3222, 42.6941



63.7000, 2.1199, 66.9151



79.5910, 13.5126, -40.8603



50.0220, -0.0108, 3.4887



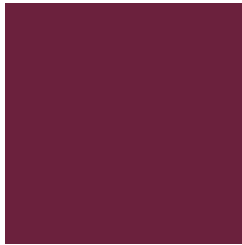
39.9990, 1.9725, 67.5299



83.8570, 4.5075, 141.3224

Previews

White Background



This preview shows how the YUV color 58.3180, 1.3222, 42.6941 looks on a white background.

Color Contrast Check

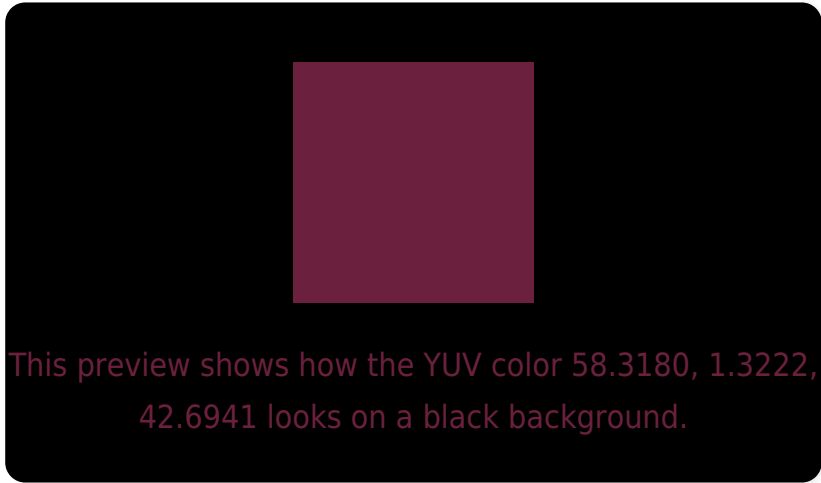
Large Text (above 18pt) WCAG AA ✓ Pass

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

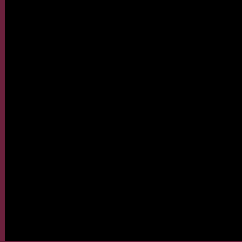
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.3180, 1.3222, 42.6941

Background



This preview shows how black text looks on a background with the YUV color 58.3180, 1.3222, 42.6941.



This preview shows how white text looks on a background with the YUV color 58.3180, 1.3222,

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

58.3180, 1.3222, 42.6941

Protanopia

61.7420, 8.0152, -4.1587

Deuteranopia

61.7620, -2.3477, 6.3477



Tritanopia

58.5600, -9.1501, 41.6049

Trichromacy



Original Color

58.3180, 1.3222, 42.6941

Protanomaly

60.5700, 5.6350, 12.6551

Deuteranomaly

60.7790, -1.3700, 19.4878

Tritanomaly

58.2980, -5.0769, 41.8347

Monochromacy



Original Color

58.3180, 1.3222, 42.6941

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.2130, 0.3880, 15.5992

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.3180, 1.3222, 42.6941 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(107, 33, 61)` looks like.

```
.text, #text, p{  
    color:rgb(107, 33, 61)  
}
```

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(107, 33, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 33, 61) }
```

Border

The CSS property to change the border of an element to YUV 58.3180, 1.3222, 42.6941 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(107, 33, 61) }
```


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

```
.border{ border-color:rgb(107, 33, 61) }
```

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

Here you see how a box with a 4 pixel rgb(107, 33, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 33, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 33, 61);  
box-shadow:4px 4px 4px 4px rgb(107, 33,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 58.3180, 1.3222, 42.6941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 33, 61) }
```

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

```
.background{ background-color: rgb(107, 33,  
61) }
```

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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