

Converting Colors

YUV(57.4570, 60.9067, 18.0162)

Have a look what the booklet for
YUV(57.4570, 60.9067, 18.0162)
contains.

YUV(57.4570, 60.9067, 18.0162)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(57.4570, 60.9067,
18.0162)**

Conversions

Conversions Part 1

Format	Color
Hex	4E17B5
RGB	78, 23, 181
RGB Percent	31%, 9%, 71%
CMY	0.6941, 0.9098, 0.2902
CMYK	0.57, 0.87, 0.00, 0.29
HSL	261°, 77%, 40%
HSV	261°, 87%, 71%
XYZ	11.7888, 5.5687, 44.1696
YIQ	57.4570, -17.9380, 60.7980

Conversions

Conversions Part 2

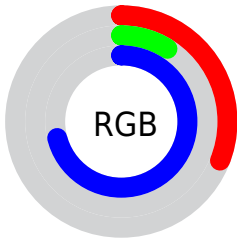
Format	Color
R_{YB}	78, 23, 181
Decimal	5117877
CIE _{Lab}	28.30, 58.42, -71.68
CIE _{LCh}	28, 92.468, 309.179
Yxy	5.5687, 0.1916, 0.0905
Android (android.graphics.Color)	4283307957 (0xFF4E17B5)
YUV	57.4570, 60.9067, 18.0162
Hunter-Lab	23.5981, 47.8757, -94.4572

Details

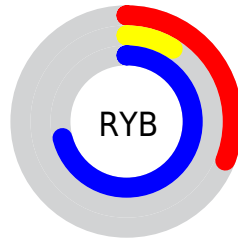
The YUV color **57.4570, 60.9067, 18.0162** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **146.5430, -60.9067, -18.0162**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.4790, 60.8959, 21.5049**, and **14.4780, 55.4733, -12.6972** is the 20% darker color. If you saturate the color by 10%, you get **43.3030, 67.8846, 19.9053**, and if you desaturate by 10%, it is **71.6110, 53.9288, 16.1272**.

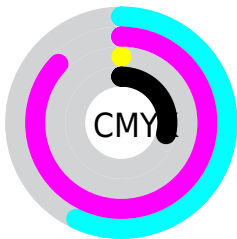
Distribution



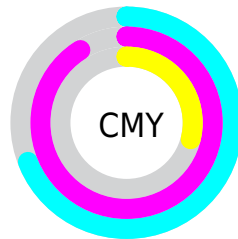
- Red (31%)
- Green (9%)
- Blue (71%)



- Red (31%)
- Yellow (9%)
- Blue (71%)



- Cyan (57%)
- Magenta (87%)
- Yellow (0%)
- Black (29%)



- Cyan (69%)
- Magenta (91%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.4570, 60.9067, 18.0162 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 57.4570, 60.9067, 18.0162 by changing the saturation by 10% instead.

■ 57.4570, 60.9067,
18.0162

■ 57.4570, 60.9067,
18.0162

■ 255.0000, 0.0000,
0.0000

■ 30.2990, 60.4916,
11.1388

■ 114.4790, 60.8959,
21.5049

■ 14.4780, 55.4733,
-12.6972

■ 140.3500, 56.5224,
24.2491

■ 11.5140, 44.1166,
-10.0978

■ 164.5820, 44.5761,
29.3076

■ 10.3110, 31.8917,
-9.0427

■ 189.9880, 32.0509,
33.3365

■ 8.2760, 21.5559,
-7.2581

■ 213.9100, 20.2574,
36.0359

■ 4.5940, 12.5252,
-4.0289

■ 230.9330, 11.8650,

■ 0.0000, 0.0000,

21.1068

0.0000

247.9560, 3.4727,
6.1776

57.4570, 60.9067,
18.0162

57.4570, 60.9067,
18.0162

43.3030, 67.8846,
19.9053

71.6110, 53.9288,
16.1272

39.4710, 69.7738,
20.6349

85.7650, 46.9509,
14.2381

99.6200, 40.1203,
11.7343

113.7740, 33.1424,
9.8452

128.5150, 25.8751,
7.4413

■ 142.6690, 18.8972,
5.5523

■ 156.8230, 11.9193,
3.6632

■ 170.6780, 5.0887,
1.1594

■ 184.8320, -1.8892,
-0.7297

Harmonies

Analogous

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



67.2470, 72.3492, -58.9756



57.4570, 60.9067, 18.0162



61.4060, 28.3938, 86.4669

Triad

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



57.4570, 60.9067, 18.0162



60.2460, -29.7013, 53.2813



62.8620, 12.3930, -55.1300

Complementary

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



57.4570, 60.9067, 18.0162



146.5430, -60.9067, -18.0162

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.



51.9980, -24.1560, -45.6022



57.4570, 60.9067, 18.0162



61.1010, -30.1228, 1.6654

Square

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



57.4570, 60.9067, 18.0162



48.4380, -23.8799, 99.5939



48.7210, -24.0195, -42.7283



71.4290, 42.6795, -62.6432

Rectangle

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



57.4570, 60.9067, 18.0162



61.5440, 5.6478, 102.1319



48.7210, -24.0195, -42.7283



59.4250, 1.7625, -52.1157

Sweetspot

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



57.4570, 60.9067, 18.0162



187.2330, 23.5491, 6.8117



102.6470, 38.6280, -69.8504



88.9910, 13.8084, 4.3929



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



57.4570, 60.9067, 18.0162



51.3080, 90.5602, 26.9169



80.4800, 49.5564, 65.3540



81.9230, 3.4890, 0.9445



33.2890, 59.0175, 17.2865



5.6550, 10.0301, 2.9336

Inverse Universe

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



81.9840, 21.6999, 86.8370



87.7070, 32.1894, 129.1760



123.5200, -49.5564, -65.3540



83.3750, 1.2941, 4.9331



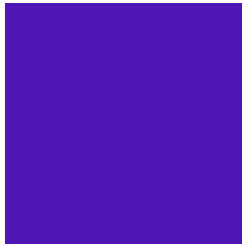
57.1470, 21.1265, 84.0631



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 57.4570, 60.9067, 18.0162 looks on a white background.

Color Contrast Check

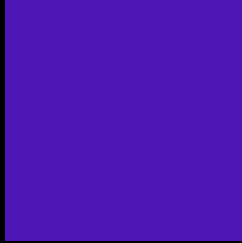
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.4570, 60.9067, 18.0162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

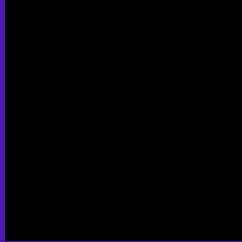
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.4570, 60.9067, 18.0162

Background



This preview shows how black text looks on a background with the YUV color 57.4570, 60.9067, 18.0162.



This preview shows how white text looks on a background with the YUV color 57.4570, 60.9067,

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

57.4570, 60.9067, 18.0162

Protanopia

53.7730, 41.0309, -47.1589

Deuteranopia

54.4280, 30.8480, -47.7334



Tritanopia

63.5180, 7.6326, -21.5023

Trichromacy



Original Color

57.4570, 60.9067, 18.0162

Protanomaly

55.1640, 48.2331, -23.8228

Deuteranomaly

55.4430, 41.6866, -24.0675

Tritanomaly

61.3560, 26.9395, -7.3282

Monochromacy



Original Color

57.4570, 60.9067, 18.0162

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.4780, 21.9493, 6.5968

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.4570, 60.9067, 18.0162 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(78, 23, 181)` looks like.

```
.text, #text, p{  
    color:rgb(78, 23, 181)  
}
```

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(78, 23, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 23, 181) }
```

Border

The CSS property to change the border of an element to YUV 57.4570, 60.9067, 18.0162 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(78, 23, 181) }
```


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

```
.border{ border-color:rgb(78, 23, 181) }
```

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

Here you see how a box with a 4 pixel rgb(78, 23, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 23, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 23, 181);  
box-shadow:4px 4px 4px 4px rgb(78, 23,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 57.4570, 60.9067, 18.0162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 23, 181) }
```

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

```
.background{ background-color: rgb(78, 23,  
181) }
```

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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