

Converting Colors

YUV(58.1580, 10.7681, 46.3424)

Have a look what the booklet for
YUV(58.1580, 10.7681, 46.3424)
contains.

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Color

**YUV(58.1580, 10.7681,
46.3424)**

Conversions

Conversions Part 1

Format	Color
Hex	6F1B50
RGB	111, 27, 80
RGB Percent	44%, 11%, 31%
CMY	0.5647, 0.8941, 0.6863
CMYK	0.00, 0.76, 0.28, 0.56
HSL	322°, 61%, 27%
HSV	322°, 76%, 44%
XYZ	8.3954, 4.7426, 8.0623
YIQ	58.1580, 33.0510, 34.2910

Conversions

Conversions Part 2

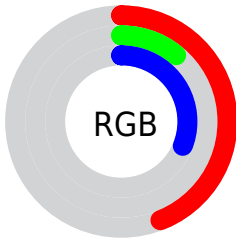
Format	Color
R_{YB}	111, 27, 80
Decimal	7281488
CIE _{Lab}	25.99, 41.69, -11.59
CIE _{LCh}	26, 43.272, 344.464
Yxy	4.7426, 0.3960, 0.2237
Android (android.graphics.Color)	4285471568 (0xFF6F1B50)
YUV	58.1580, 10.7681, 46.3424
Hunter-Lab	21.7774, 30.7033, -6.7059

Details

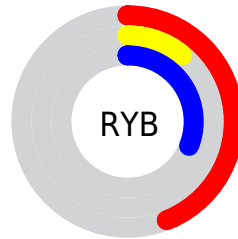
The YUV color **58.1580, 10.7681, 46.3424** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **79.8420, -10.7681, -46.3424**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.4140, 9.1629, 47.8719**, and **21.6310, 6.5909, 32.7726** is the 20% darker color. If you saturate the color by 10%, you get **51.2450, 12.2042, 52.4051**, and if you desaturate by 10%, it is **65.0710, 9.3320, 40.2797**.

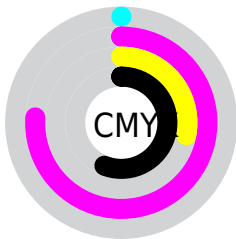
Distribution



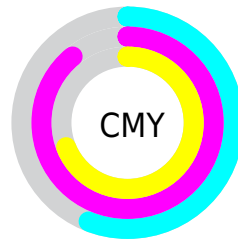
- Red (44%)
- Green (11%)
- Blue (31%)



- Red (44%)
- Yellow (11%)
- Blue (31%)



- Cyan (0%)
- Magenta (76%)
- Yellow (28%)
- Black (56%)



- Cyan (56%)
- Magenta (89%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.1580, 10.7681, 46.3424 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 58.1580, 10.7681, 46.3424 by changing the saturation by 10% instead.

■ 58.1580, 10.7681,
46.3424

■ 58.1580, 10.7681,
46.3424

■ 255.0000, 0.0000,
0.0000

■ 31.9130, 12.3679,
46.5573

■ 110.4140, 9.1629,
47.8719

■ 21.6310, 6.5909,
32.7726

■ 137.3110, 8.7207,
49.7163

■ 12.1320, -0.0651,
20.9322

■ 164.0230, 8.8627,
50.8458

■ 0.0000, 0.0000,
0.0000

■ 192.0340, 8.8572,
52.5902

■ 212.5590, 12.5424,
37.2208

■ 230.9330, 11.8650,

21.1068

247.9560, 3.4727,
6.1776

58.1580, 10.7681,
46.3424

58.1580, 10.7681,
46.3424

51.2450, 12.2042,
52.4051

65.0710, 9.3320,
40.2797

44.3320, 13.6403,
58.4678

71.9840, 7.8959,
34.2170

41.1690, 14.2137,
61.2418

78.8970, 6.4598,
28.1543

85.8100, 5.0237,
22.0916

93.3100, 3.2982,
15.5141

■ 100.3370, 2.2989,
9.3515

■ 107.2500, 0.8628,
3.2887

■ 114.1630, -0.5734,
-2.7740

■ 121.0760, -2.0095,
-8.8367

Harmonies

Analogous

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



62.7720, 22.7904, 16.8630



58.1580, 10.7681, 46.3424



54.4400, -3.6679, 56.6191

Triad

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



58.1580, 10.7681, 46.3424



56.6930, -27.9496, 4.6542



56.2230, 25.0331, -49.3076

Complementary

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



58.1580, 10.7681, 46.3424



79.8420, -10.7681, -46.3424

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.



53.3900, 11.6397, -46.8230



58.1580, 10.7681, 46.3424



48.7430, -20.5793, -26.0846

Square

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



58.1580, 10.7681, 46.3424



58.6080, -28.8937, 27.5308



48.9270, -2.9220, -42.9090



55.3400, 34.3424, -48.5332

Rectangle

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



58.1580, 10.7681, 46.3424



56.1330, -14.8556, 51.6264



48.9270, -2.9220, -42.9090



55.7840, 20.8125, -48.9226

Sweetspot

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



58.1580, 10.7681, 46.3424



124.2610, 4.3083, 18.1881



45.8450, 32.1214, 10.6599



60.7610, 2.5828, 11.6106



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



58.1580, 10.7681, 46.3424



62.0440, 17.2333, 72.7524



53.3700, -7.5774, 50.5415



52.2500, 0.8628, 3.2888



44.5440, 15.5078, 66.1749



91.6370, 31.7310, 136.2534

Inverse Universe

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



58.1580, 10.7681, 46.3424



62.0440, 17.2333, 72.7524



84.6300, 7.5774, -50.5415



52.2500, 0.8628, 3.2888



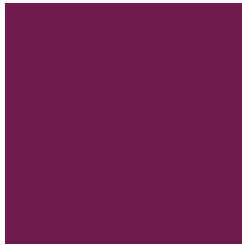
44.5440, 15.5078, 66.1749



91.6370, 31.7310, 136.2534

Previews

White Background



This preview shows how the YUV color 58.1580, 10.7681, 46.3424 looks on a white background.

Color Contrast Check

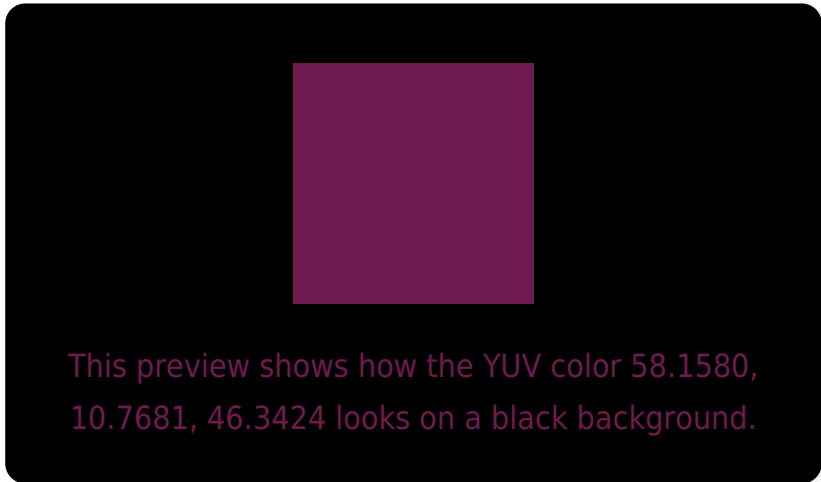
Large Text (above 18pt) WCAG AA ✓ Pass

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

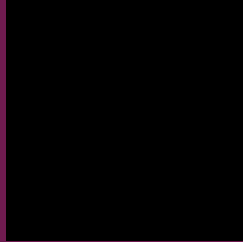
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.1580, 10.7681, 46.3424

Background



This preview shows how black text looks on a background with the YUV color 58.1580, 10.7681, 46.3424.



This preview shows how white text looks on a background with the YUV color 58.1580, 10.7681,

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

58.1580, 10.7681, 46.3424

Protanopia

61.9330, 21.7250, -14.8502

Deuteranopia

63.7810, 5.5310, -0.6849



Tritanopia

59.8590, -9.2975, 42.2197

Trichromacy



Original Color

58.1580, 10.7681, 46.3424

Protanomaly

60.4520, 18.0182, 7.4966

Deuteranomaly

61.4610, 7.6607, 16.2587

Tritanomaly

59.4060, -2.1722, 43.4939

Monochromacy



Original Color

58.1580, 10.7681, 46.3424

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.1360, 3.8770, 16.5437

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.1580, 10.7681, 46.3424 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(111, 27, 80)` looks like.

```
.text, #text, p{  
    color:rgb(111, 27, 80)  
}
```

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(111, 27, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 27, 80) }
```

Border

The CSS property to change the border of an element to YUV 58.1580, 10.7681, 46.3424 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(111, 27, 80) }
```


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

```
.border{ border-color:rgb(111, 27, 80) }
```

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

Here you see how a box with a 4 pixel rgb(111, 27, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 27, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 27, 80);  
box-shadow:4px 4px 4px 4px rgb(111, 27,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 58.1580, 10.7681, 46.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 27, 80) }
```

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

```
.background{ background-color: rgb(111, 27,  
80) }
```

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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