

Converting Colors

YUV(58.6110, 23.8558, 48.5762)

Have a look what the booklet for
YUV(58.6110, 23.8558, 48.5762)
contains.

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Color

**YUV(58.6110, 23.8558,
48.5762)**

Conversions

Conversions Part 1

Format	Color
Hex	72156B
RGB	114, 21, 107
RGB Percent	45%, 8%, 42%
CMY	0.5529, 0.9176, 0.5804
CMYK	0.00, 0.82, 0.06, 0.55
HSL	305°, 69%, 26%
HSV	305°, 82%, 45%
XYZ	9.8614, 5.1753, 14.3891
YIQ	58.6110, 27.8220, 46.4620

Conversions

Conversions Part 2

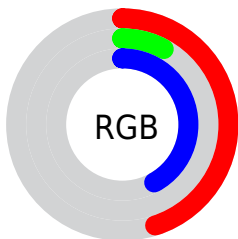
Format	Color
R_{YB}	114, 21, 107
Decimal	7476587
CIE _{Lab}	27.23, 48.62, -27.34
CIE _{LCh}	27, 55.778, 330.649
Yxy	5.1753, 0.3351, 0.1759
Android (android.graphics.Color)	4285666667 (0xFF72156B)
YUV	58.6110, 23.8558, 48.5762
Hunter-Lab	22.7492, 37.5658, -21.5770

Details

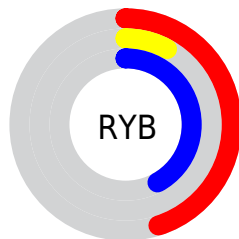
The YUV color **58.6110, 23.8558, 48.5762** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **76.3890, -23.8558, -48.5762**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.8560, 22.2560, 48.3613**, and **25.2640, 16.6318, 32.2175** is the 20% darker color. If you saturate the color by 10%, you get **52.0400, 26.6023, 54.3389**, and if you desaturate by 10%, it is **65.1820, 21.1093, 42.8134**.

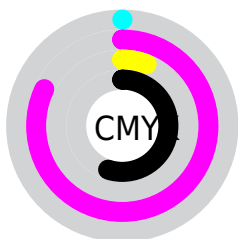
Distribution



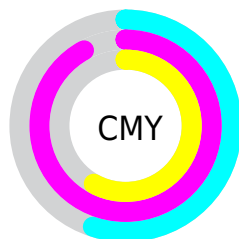
- Red (45%)
- Green (8%)
- Blue (42%)



- Red (45%)
- Yellow (8%)
- Blue (42%)



- Cyan (0%)
- Magenta (82%)
- Yellow (6%)
- Black (55%)



- Cyan (55%)
- Magenta (92%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.6110, 23.8558, 48.5762 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 58.6110, 23.8558, 48.5762 by changing the saturation by 10% instead.

■ 58.6110, 23.8558,
48.5762

■ 58.6110, 23.8558,
48.5762

255.0000, 0.0000,
0.0000

■ 35.6600, 22.8456,
45.9022

■ 113.8560, 22.2560,
48.3613

■ 25.2640, 16.6318,
32.2175

■ 140.5680, 22.3980,
49.4909

■ 15.8790, 10.4127,
20.2771

■ 168.2800, 22.5400,
50.6204

■ 2.0690, 5.3890,
-1.8145

■ 195.9920, 22.6819,
51.7500

■ 0.0000, 0.0000,
0.0000

■ 213.9100, 20.2574,
36.0359

■ 230.3460, 12.1544,

21.6216

247.3690, 3.7621,
6.6924

58.6110, 23.8558,
48.5762

58.6110, 23.8558,
48.5762

52.0400, 26.6023,
54.3389

65.1820, 21.1093,
42.8134

46.0560, 29.0594,
59.5869

72.3400, 18.0734,
36.5358

78.9110, 15.3269,
30.7731

85.9550, 11.8542,
24.5955

92.5260, 9.1077,
18.8327

■ 99.0970, 6.3612,
13.0699

■ 106.2550, 3.3253,
6.7924

■ 112.8260, 0.5788,
1.0296

■ 119.9840, -2.4571,
-5.2480

Harmonies

Analogous

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



63.1140, 37.4118, -6.2390



58.6110, 23.8558, 48.5762



47.7750, 8.4919, 76.4963

Triad

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



58.6110, 23.8558, 48.5762



60.6020, -29.8768, 16.1350



60.3320, 23.0073, -52.9112

Complementary

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



58.6110, 23.8558, 48.5762



76.3890, -23.8558, -48.5762

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.



54.8430, 4.5144, -48.0973



58.6110, 23.8558, 48.5762



54.2020, -26.7216, -15.9632

Square

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



58.6110, 23.8558, 48.5762



59.3160, -29.2428, 46.2039



48.3110, -15.4363, -42.3687



62.2190, 37.8530, -54.5661

Rectangle

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



58.6110, 23.8558, 48.5762



44.6970, -3.3016, 79.1957



48.3110, -15.4363, -42.3687



58.8500, 17.3289, -51.6114

Sweetspot

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



58.6110, 23.8558, 48.5762



126.5260, 9.1077, 18.8327



33.3960, 39.7378, -5.6093



61.4450, 5.2036, 11.0107



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.



58.6110, 23.8558, 48.5762



61.6310, 37.1569, 75.7456



53.3670, 3.7631, 53.1751



52.4780, 1.7363, 3.0888



48.5340, 30.7957, 62.6757



99.9590, 63.6172, 128.9550

Inverse Universe

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



58.6110, 23.8558, 48.5762



61.6310, 37.1569, 75.7456



81.6330, -3.7631, -53.1751



52.4780, 1.7363, 3.0888



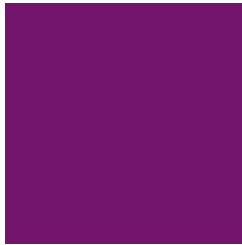
48.5340, 30.7957, 62.6757



99.9590, 63.6172, 128.9550

Previews

White Background



This preview shows how the YUV color 58.6110, 23.8558, 48.5762 looks on a white background.

Color Contrast Check

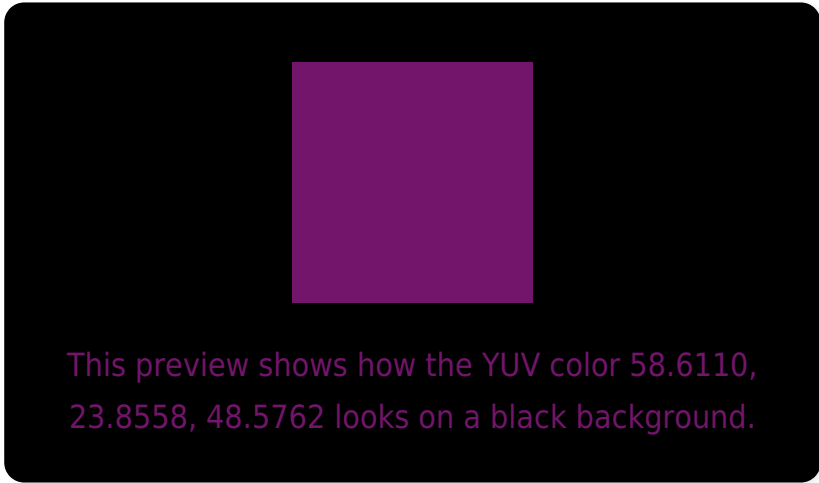
Large Text (above 18pt) WCAG AA ✓ Pass

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

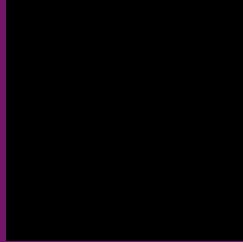
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.6110, 23.8558, 48.5762

Background



This preview shows how black text looks on a background with the YUV color 58.6110, 23.8558, 48.5762.



This preview shows how white text looks on a background with the YUV color 58.6110, 23.8558,

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

58.6110, 23.8558, 48.5762

Protanopia

52.9580, 40.4467, -46.4442

Deuteranopia

64.9070, 17.7938, -13.9504



Tritanopia

64.1790, -7.9762, 38.4310

Trichromacy



Original Color

58.6110, 23.8558, 48.5762

Protanomaly

54.6850, 34.6653, -12.0017

Deuteranomaly

62.9190, 19.7599, 8.8410

Tritanomaly

61.8880, 3.5062, 42.1942

Monochromacy



Original Color

58.6110, 23.8558, 48.5762

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.7000, 8.5289, 17.8031

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.6110, 23.8558, 48.5762 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(114, 21, 107)` looks like.

```
.text, #text, p{  
  color:rgb(114, 21, 107)  
}
```

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(114, 21, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 21, 107) }
```

Border

The CSS property to change the border of an element to YUV 58.6110, 23.8558, 48.5762 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(114, 21, 107) }
```


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

```
.border{ border-color:rgb(114, 21, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 21, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 21, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 21, 107);  
box-shadow:4px 4px 4px 4px rgb(114, 21,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 58.6110, 23.8558, 48.5762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 21, 107) }
```

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

```
.background{ background-color: rgb(114, 21,  
107) }
```

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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