

Converting Colors

YUV(58.3320, 30.4023, 48.8208)

Have a look what the booklet for
YUV(58.3320, 30.4023, 48.8208)
contains.

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Color

**YUV(58.3320, 30.4023,
48.8208)**

Conversions

Conversions Part 1

Format	Color
Hex	721278
RGB	114, 18, 120
RGB Percent	45%, 7%, 47%
CMY	0.5529, 0.9294, 0.5294
CMYK	0.05, 0.85, 0.00, 0.53
HSL	296°, 74%, 27%
HSV	296°, 85%, 47%
XYZ	10.5459, 5.3661, 18.2492
YIQ	58.3320, 24.4740, 52.0740

Conversions

Conversions Part 2

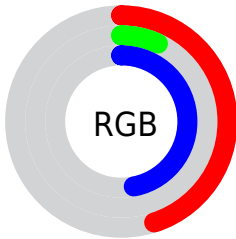
Format	Color
R_{YB}	114, 18, 120
Decimal	7475832
CIE _{Lab}	27.75, 51.67, -34.83
CIE _{LCh}	28, 62.315, 326.014
Yxy	5.3661, 0.3087, 0.1571
Android (android.graphics.Color)	4285665912 (0xFF721278)
YUV	58.3320, 30.4023, 48.8208
Hunter-Lab	23.1648, 40.7246, -30.4933

Details

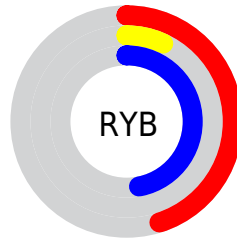
The YUV color **58.3320, 30.4023, 48.8208** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **79.6680, -30.4023, -48.8208**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.8650, 28.6606, 47.4764**, and **26.3330, 22.0208, 30.4030** is the 20% darker color. If you saturate the color by 10%, you get **50.9890, 34.0224, 54.3836**, and if you desaturate by 10%, it is **65.6750, 26.7822, 43.2580**.

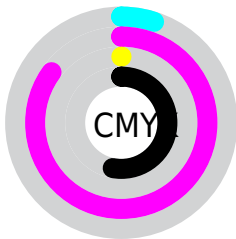
Distribution



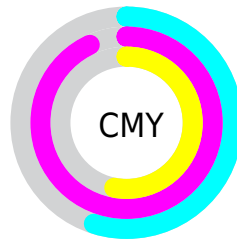
- Red (45%)
- Green (7%)
- Blue (47%)



- Red (45%)
- Yellow (7%)
- Blue (47%)



- Cyan (5%)
- Magenta (85%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (93%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.3320, 30.4023, 48.8208 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 58.3320, 30.4023, 48.8208 by changing the saturation by 10% instead.

■ 58.3320, 30.4023,
48.8208

■ 58.3320, 30.4023,
48.8208

■ 255.0000, 0.0000,
0.0000

■ 36.8430, 28.6714,
43.9877

■ 114.8650, 28.6606,
47.4764

■ 26.3330, 22.0208,
30.4030

■ 142.1640, 28.5131,
48.0912

■ 17.1330, 15.2174,
19.1774

■ 169.4030, 29.3813,
49.6356

■ 3.5510, 11.0674,
-3.1142

■ 197.4740, 28.3603,
50.4503


■ 0.0000, 0.0000,
0.0000


■ 213.9100, 20.2574,
36.0359


■ 230.3460, 12.1544,


21.6216


 247.3690, 3.7621,
6.6924


 58.3320, 30.4023,
48.8208


 58.3320, 30.4023,
48.8208

 50.9890, 34.0224,
54.3836


 65.6750, 26.7822,
43.2580

 47.4670, 35.7588,
57.4724

 72.7190, 23.3095,
37.0804

 80.0620, 19.6894,
31.5176

 87.4050, 16.0693,
25.9548

 94.7480, 12.4492,
20.3920

■ 101.7920, 8.9765,
14.2144

■ 109.1350, 5.3564,
8.6516

■ 116.4780, 1.7363,
3.0888

■ 123.5220, -1.7363,
-3.0888

Harmonies

Analogous

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



58.6860, 46.4968, -26.9116



58.3320, 30.4023, 48.8208



50.8940, 11.3913, 79.9000

Triad

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



58.3320, 30.4023, 48.8208



62.4070, -30.7667, 21.5681



61.5060, 22.4285, -53.9408

Complementary

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



58.3320, 30.4023, 48.8208



79.6680, -30.4023, -48.8208

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.



55.9200, 1.0254, -49.0418



58.3320, 30.4023, 48.8208



55.9850, -27.6006, -14.0188

Square

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



58.3320, 30.4023, 48.8208



57.8980, -28.5437, 55.3405



47.5470, -23.4407, -41.6987



65.3650, 39.7531, -57.3251

Rectangle

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



58.3320, 30.4023, 48.8208



48.2570, -2.5917, 84.8436



47.5470, -23.4407, -41.6987



59.6820, 15.4398, -52.3411

Sweetspot

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



58.3320, 30.4023, 48.8208



131.0360, 12.3073, 19.2624



33.7370, 42.5277, -13.8013



64.6130, 7.0928, 11.7404



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



58.3320, 30.4023, 48.8208



61.4380, 46.6191, 74.1609



55.1100, 10.2988, 56.9085



57.4780, 1.7363, 3.0888



49.5320, 37.2057, 60.0464



99.8900, 74.9902, 121.1225

Inverse Universe

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



49.1820, -12.4147, 62.1074



47.6700, -19.0643, 95.0054



82.8900, -10.2988, -56.9085



56.7940, -0.8844, 3.6887



38.1730, -15.3683, 76.1473



77.0580, -30.5946, 153.4241

Previews

White Background



This preview shows how the YUV color 58.3320, 30.4023, 48.8208 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

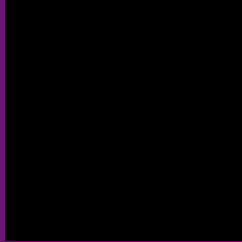
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.3320, 30.4023, 48.8208

Background



This preview shows how black text looks on a background with the YUV color 58.3320, 30.4023, 48.8208.



This preview shows how white text looks on a background with the YUV color 58.3320, 30.4023,

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

58.3320, 30.4023, 48.8208

Protanopia

53.8870, 41.4677, -47.2589

Deuteranopia

63.5620, 24.3729, -24.1719



Tritanopia

66.4990, -6.6550, 34.6424

Trichromacy



Original Color

58.3320, 30.4023, 48.8208

Protanomaly

55.3690, 37.2861, -12.6016

Deuteranomaly

61.7100, 26.7650, 2.0083

Tritanomaly

63.6750, 6.5692, 39.7500

Monochromacy



Original Color

58.3320, 30.4023, 48.8208

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.7970, 11.4391, 17.7180

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.3320, 30.4023, 48.8208 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, 18, 120)` looks like.

```
.text, #text, p{  
    color:rgb(114, 18, 120)  
}
```

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, 18, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 18, 120) }
```

Border

The CSS property to change the border of an element to YUV 58.3320, 30.4023, 48.8208 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, 18, 120) }
```


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

```
.border{ border-color:rgb(114, 18, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 18, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 18, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 18, 120);  
box-shadow:4px 4px 4px 4px rgb(114, 18,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 58.3320, 30.4023, 48.8208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 18, 120) }
```

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

```
.background{ background-color: rgb(114, 18,  
120) }
```

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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