

Converting Colors

YUV(50.9300, 30.1075, 50.0504)

Have a look what the booklet for
YUV(50.9300, 30.1075, 50.0504)
contains.

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Color

**YUV(50.9300, 30.1075,
50.0504)**

Conversions

Conversions Part 1

Format	Color
Hex	6C0A70
RGB	108, 10, 112
RGB Percent	42%, 4%, 44%
CMY	0.5765, 0.9608, 0.5608
CMYK	0.04, 0.91, 0.00, 0.56
HSL	298°, 84%, 24%
HSV	298°, 91%, 44%
XYZ	9.2175, 4.5751, 15.7265
YIQ	50.9300, 25.6660, 52.4980

Conversions

Conversions Part 2

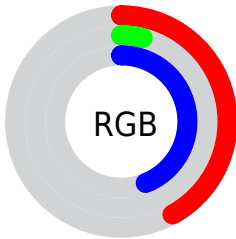
Format	Color
RYB	108, 10, 112
Decimal	7080560
CIELab	25.49, 50.89, -33.40
CIELCh	25, 60.873, 326.719
Yxy	4.5751, 0.3123, 0.1550
Android (android.graphics.Color)	4285270640 (0xFF6C0A70)
YUV	50.9300, 30.1075, 50.0504
Hunter-Lab	21.3894, 39.4909, -28.6201

Details

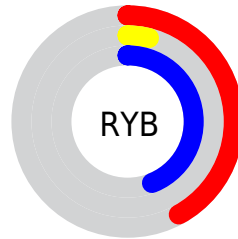
The YUV color **50.9300, 30.1075, 50.0504** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **71.0700, -30.1075, -50.0504**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.1100, 27.0608, 47.2615**, and **23.9260, 19.2635, 28.1289** is the 20% darker color. If you saturate the color by 10%, you get **45.0600, 33.0014, 55.1984**, and if you desaturate by 10%, it is **57.3870, 26.9242, 44.3876**.

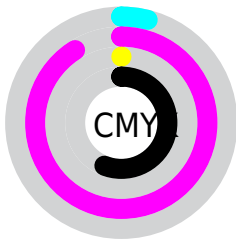
Distribution



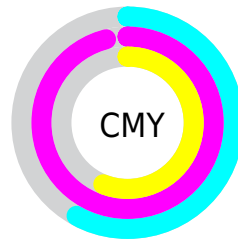
- Red (42%)
- Green (4%)
- Blue (44%)



- Red (42%)
- Yellow (4%)
- Blue (44%)



- Cyan (4%)
- Magenta (91%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (96%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.9300, 30.1075, 50.0504 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 50.9300, 30.1075, 50.0504 by changing the saturation by 10% instead.

■ 50.9300, 30.1075,
50.0504

■ 50.9300, 30.1075,
50.0504

■ 255.0000, 0.0000,
0.0000

■ 34.4360, 25.9141,
41.7136

■ 109.1100, 27.0608,
47.2615

■ 23.9260, 19.2635,
28.1289

■ 135.9360, 27.6396,
48.2911

■ 14.2420, 13.1917,
15.5738

■ 163.6480, 27.7815,
49.4207

■ 2.6390, 7.5730,
-2.3144

■ 191.3600, 27.9235,
50.5503


■ 0.0000, 0.0000,
0.0000


■ 210.3880, 21.9937,
39.1247


■ 226.8240, 13.8908,


24.7104

 243.8470, 5.4984,
9.7812


 50.9300, 30.1075,
50.0504


 50.9300, 30.1075,
50.0504

 45.0600, 33.0014,
55.1984

 57.3870, 26.9242,
44.3876

 64.1430, 23.5935,
39.3396

 71.1870, 20.1208,
33.1620

 77.9430, 16.7901,
28.1140

 84.4000, 13.6068,
22.4512

■ 91.1560, 10.2761,
17.4032

■ 97.6130, 7.0928,
11.7404

■ 104.9560, 3.4727,
6.1776

■ 111.4130, 0.2894,
0.5148

Harmonies

Analogous

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



54.2410, 44.7442, -24.7674



50.9300, 30.1075, 50.0504



47.8180, 9.9497, 75.5816

Triad

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



50.9300, 30.1075, 50.0504



57.0800, -28.1404, 19.2238



57.3000, 21.5441, -50.2521

Complementary

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



50.9300, 30.1075, 50.0504



71.0700, -30.1075, -50.0504

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.



51.9420, 1.0146, -45.5531



50.9300, 30.1075, 50.0504



50.3700, -24.8324, -15.2335

Square

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



50.9300, 30.1075, 50.0504



53.1580, -26.2069, 52.4814



44.0250, -21.7043, -38.6099



60.9310, 37.9950, -53.4365

Rectangle

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



50.9300, 30.1075, 50.0504



44.9960, -3.4490, 79.8105



44.0250, -21.7043, -38.6099



55.5900, 14.9921, -48.7524

Sweetspot

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



50.9300, 30.1075, 50.0504



121.8080, 11.4337, 19.4624



24.5630, 43.1064, -12.7718



59.6130, 7.0928, 11.7404



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.



50.9300, 30.1075, 50.0504



58.3900, 42.6987, 71.5720



46.8820, 9.4252, 57.1085



52.4780, 1.7363, 3.0888



48.0650, 35.4640, 58.7020



99.3200, 72.8062, 121.6224

Inverse Universe

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



40.9540, -13.2883, 62.3073



44.0390, -18.7532, 88.5428



75.1180, -9.4252, -57.1085



51.9080, -0.4476, 3.5887



36.4500, -15.5048, 73.2734



74.9930, -32.0415, 150.8501

Previews

White Background



This preview shows how the YUV color 50.9300, 30.1075, 50.0504 looks on a white background.

Color Contrast Check

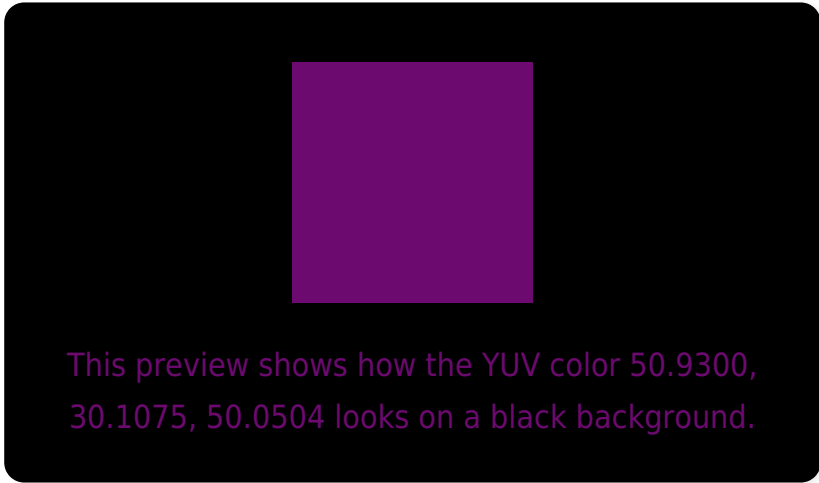
Large Text (above 18pt) WCAG AA ✓ Pass

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

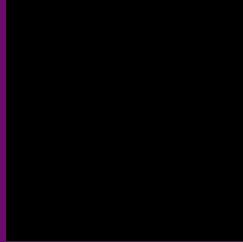
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.9300, 30.1075, 50.0504

Background



This preview shows how black text looks on a background with the YUV color 50.9300, 30.1075, 50.0504.



This preview shows how white text looks on a background with the YUV color 50.9300, 30.1075,

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

50.9300, 30.1075, 50.0504

Deuteranopia

59.1170, 22.6203, -22.0276

Tritanopia

62.0860, -6.9444, 34.1276

Trichromacy



Original Color

50.9300, 30.1075, 50.0504

Deuteranomaly

56.3790, 25.4492, 4.0526

Tritanomaly

57.9740, 6.4218, 40.3648

Monochromacy



Original Color

50.9300, 30.1075, 50.0504

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.9820, 10.8549, 18.4328

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.9300, 30.1075, 50.0504 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(108, 10, 112)` looks like.

```
.text, #text, p{  
    color:rgb(108, 10, 112)  
}
```

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(108, 10, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 10, 112) }
```

Border

The CSS property to change the border of an element to YUV 50.9300, 30.1075, 50.0504 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(108, 10, 112) }
```

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

```
.border{ border-color:rgb(108, 10, 112) }
```

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

Here you see how a box with a 4 pixel rgb(108, 10, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 10, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 10, 112);  
box-shadow:4px 4px 4px 4px rgb(108, 10,  
112) }
```


Background

The CSS property to change the background color of an element to YUV 50.9300, 30.1075, 50.0504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 10, 112) }
```

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

```
.background{ background-color: rgb(108, 10,  
112) }
```

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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