

Converting Colors

YUV(55.8820, 29.6382, 60.6165)

Have a look what the booklet for
YUV(55.8820, 29.6382, 60.6165)
contains.

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Color

**YUV(55.8820, 29.6382,
60.6165)**

Conversions

Conversions Part 1

Format	Color
Hex	7D0974
RGB	125, 9, 116
RGB Percent	49%, 4%, 45%
CMY	0.5098, 0.9647, 0.5451
CMYK	0.00, 0.93, 0.07, 0.51
HSL	305°, 87%, 26%
HSV	305°, 93%, 49%
XYZ	11.7075, 5.8163, 17.0286
YIQ	55.8820, 34.7890, 57.8690

Conversions

Conversions Part 2

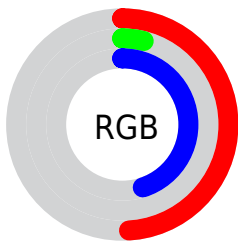
Format	Color
R_{YB}	125, 9, 116
Decimal	8194420
CIE _{Lab}	28.94, 55.05, -30.26
CIE _{LCh}	29, 62.824, 331.201
Yxy	5.8163, 0.3388, 0.1683
Android (android.graphics.Color)	4286384500 (0xFF7D0974)
YUV	55.8820, 29.6382, 60.6165
Hunter-Lab	24.1170, 44.4474, -24.9817

Details

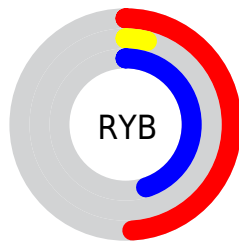
The YUV color **55.8820, 29.6382, 60.6165** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **78.1180, -29.6382, -60.6165**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.7090, 25.2865, 56.3832**, and **28.8670, 18.7996, 36.9506** is the 20% darker color. If you saturate the color by 10%, you get **50.4850, 31.8059, 65.3497**, and if you desaturate by 10%, it is **63.0400, 26.6023, 54.3389**.

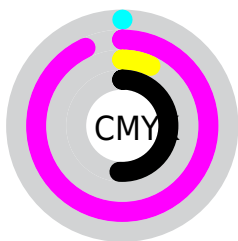
Distribution



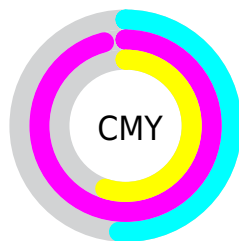
- Red (49%)
- Green (4%)
- Blue (45%)



- Red (49%)
- Yellow (4%)
- Blue (45%)



- Cyan (0%)
- Magenta (93%)
- Yellow (7%)
- Black (51%)





- Cyan (51%)
- Magenta (96%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 55.8820, 29.6382, 60.6165 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 55.8820, 29.6382, 60.6165 by changing the saturation by 10% instead.


 55.8820, 29.6382,
60.6165


 55.8820, 29.6382,
60.6165


255.0000, 0.0000,
0.0000


 39.6760, 25.3027,
51.1501


 116.7090, 25.2865,
56.3832


 28.8670, 18.7996,
36.9506


 144.4210, 25.4284,
57.5128


 19.4820, 12.5804,
25.0103

 172.1330, 25.5704,
58.6424

 4.4160, 9.1619,
1.3892

 196.6590, 27.7761,
51.1651


 0.0000, 0.0000,
0.0000


 213.3230, 20.5468,
36.5507


 230.3460, 12.1544,


21.6216


 247.3690, 3.7621,
6.6924


 55.8820, 29.6382,
60.6165


 55.8820, 29.6382,
60.6165


 50.4850, 31.8059,
65.3497

 63.0400, 26.6023,
54.3389

 70.7850, 23.2770,
47.5466

 77.9430, 20.2411,
41.2690

 85.6880, 16.9158,
34.4766

 92.8460, 13.8799,
28.1991

■ 100.5910, 10.5546,
21.4067

■ 107.7490, 7.5187,
15.1291

■ 115.4940, 4.1935,
8.3368

■ 122.6520, 1.1576,
2.0592

Harmonies

Analogous

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



66.4820, 42.6534, -7.4387



55.8820, 29.6382, 60.6165



52.1180, 8.3228, 84.0885

Triad

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



55.8820, 29.6382, 60.6165



64.1460, -31.6240, 16.5350



64.5210, 26.3651, -56.5849

Complementary

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



55.8820, 29.6382, 60.6165



78.1180, -29.6382, -60.6165

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.



58.9350, 4.9620, -51.6860



55.8820, 29.6382, 60.6165



55.6420, -27.4315, -21.6110

Square

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



55.8820, 29.6382, 60.6165



62.2950, -30.7114, 50.6073



51.4910, -18.4831, -45.1576



67.4510, 42.6687, -59.1545

Rectangle

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



55.8820, 29.6382, 60.6165



48.4700, -5.6547, 87.2878



51.4910, -18.4831, -45.1576



63.2840, 19.0870, -55.5001

Sweetspot

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



55.8820, 29.6382, 60.6165



136.2430, 11.7122, 23.4659



24.6160, 49.4893, -6.6792



65.2220, 6.7926, 14.7143



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



55.8820, 29.6382, 60.6165



65.9510, 41.9292, 85.1120



49.3840, 4.7407, 66.3152



59.7770, 1.5889, 3.7036



51.7240, 32.6741, 66.8941



0.0000, 0.0000, 0.0000

Inverse Universe

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



55.8820, 29.6382, 60.6165



65.9510, 41.9292, 85.1120



84.6160, -4.7407, -66.3152



59.7770, 1.5889, 3.7036



51.7240, 32.6741, 66.8941



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 55.8820, 29.6382, 60.6165 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

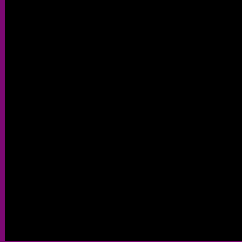
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.8820, 29.6382, 60.6165

Background



This preview shows how black text looks on a background with the YUV color 55.8820, 29.6382, 60.6165.



This preview shows how white text looks on a background with the YUV color 55.8820, 29.6382,

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

55.8820, 29.6382, 60.6165

Protanopia

56.4460, 43.6571, -49.5031

Deuteranopia

69.3520, 19.5465, -16.0947



Tritanopia

67.8700, -9.3029, 43.9640

Trichromacy



Original Color

55.8820, 29.6382, 60.6165

Protanomaly

56.3200, 38.2962, -9.9276

Deuteranomaly

64.2660, 23.5329, 12.0447

Tritanomaly

63.8720, 4.5001, 50.1013

Monochromacy



Original Color

55.8820, 29.6382, 60.6165

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.0040, 10.8440, 21.9215

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.8820, 29.6382, 60.6165 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(125, 9, 116)` looks like.

```
.text, #text, p{  
    color:rgb(125, 9, 116)  
}
```

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(125, 9, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 9, 116) }
```

Border

The CSS property to change the border of an element to YUV 55.8820, 29.6382, 60.6165 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(125, 9, 116) }
```


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

```
.border{ border-color:rgb(125, 9, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 9, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 9, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 9, 116);  
box-shadow:4px 4px 4px 4px rgb(125, 9,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 55.8820, 29.6382, 60.6165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 9, 116) }
```

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

```
.background{ background-color: rgb(125, 9,  
116) }
```

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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