

Converting Colors

XYZ(57.8553, 48.8618, 49.3401)

Have a look what the booklet for
XYZ(57.8553, 48.8618, 49.3401)
contains.

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Color

**XYZ(57.9690, 48.9063,
49.5646)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A5B4
RGB	241, 165, 180
RGB Percent	95%, 65%, 71%
CMY	0.0549, 0.3529, 0.2941
CMYK	0.00, 0.32, 0.25, 0.05
HSL	348°, 73%, 80%
HSV	348°, 32%, 95%
XYZ	57.9690, 48.9063, 49.5646
YIQ	189.4340, 40.4810, 20.7770

Conversions

Conversions Part 2

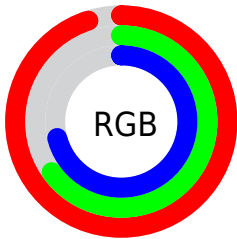
Format	Color
R _Y B	241, 165, 180
Decimal	15836596
CIE Lab	75.39, 30.09, 3.72
CIE LCh	75, 30.317, 7.054
Yxy	48.9063, 0.3706, 0.3126
Android (android.graphics.Color)	4294026676 (0xFF1A5B4)
YUV	189.4340, -4.6510, 45.2234
Hunter-Lab	69.9330, 25.5797, 6.9317

Details

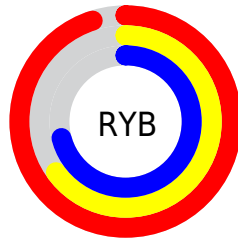
The XYZ color **57.9690, 48.9063, 49.5646** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.7019, 76.4021, 83.5031**, and the grayscale version is **48.6290, 51.1615, 55.7149**.

A 20% lighter version of the original color is **82.2368, 79.0290, 90.2767**, and **29.1534, 23.1879, 23.0178** is the 20% darker color. If you saturate the color by 10%, you get **52.1896, 40.2840, 38.5845**, and if you desaturate by 10%, it is **64.8452, 59.2813, 62.2683**.

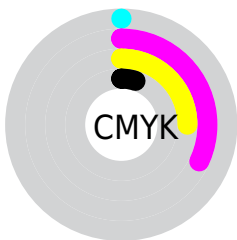
Distribution



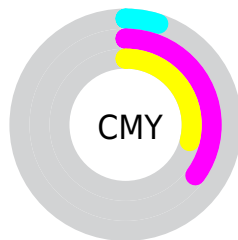
- Red (95%)
- Green (65%)
- Blue (71%)



- Red (95%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (32%)
- Yellow (25%)
- Black (5%)




- Cyan (5%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9690, 48.9063, 49.5646 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 XYZ color 57.9690, 48.9063, 49.5646 by changing the saturation by 10% instead.


 57.9690, 48.9063,
49.5646


 57.9690, 48.9063,
49.5646


407.0261,
382.3733, 401.6470

 42.0269, 34.5452,
34.6988


 101.0009, 88.5523,
90.9191

 29.3135, 23.3127,
23.1493


 128.8215,
114.6059, 118.2449

 19.4636, 14.8246,
14.4974


161.3322,
145.3258, 150.5610

 12.1117, 8.6964,
8.3248

198.8985,
181.0964, 188.2862

 6.8926, 4.5437,
4.2127

241.8857,
222.3020, 231.8388

 3.4407, 1.9821,
1.7427

290.6591,

 1.3909, 0.5970,

269.3271, 281.6374

0.3898

345.5841,
322.5561, 338.1007

■ 0.2497, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9690, 48.9063,
49.5646

■ 57.9690, 48.9063,
49.5646

■ 52.1896, 40.2840,
38.5845

■ 64.8452, 59.2813,
62.2683

■ 47.4455, 33.3106,
29.2501

■ 72.8674, 71.4913,
76.7630

■ 43.6752, 27.8823,
21.4816

■ 82.0865, 85.6217,
93.1162

■ 40.8090, 23.8805,
15.1914

■ 90.0858, 97.4409,
108.6677

■ 38.7675, 21.1690,
10.2828

■ 37.4567, 19.5850,
6.6467

■ 36.8001, 18.9106,
4.4588

Harmonies

Analogous

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



57.0838, 48.9063, 66.1547



57.9690, 48.9063, 49.5646



55.5857, 48.9063, 36.7943

Triad

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



57.9690, 48.9063, 49.5646



40.3124, 48.9063, 32.2950



42.4242, 48.9063, 86.8653

Complementary

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



57.9690, 48.9063, 49.5646



60.7019, 76.4021, 83.5031

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.



38.4343, 48.9063, 74.0012



57.9690, 48.9063, 49.5646



37.2849, 48.9063, 42.1442

Square

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



57.9690, 48.9063, 49.5646



45.1784, 48.9063, 28.2010



36.6259, 48.9063, 57.1151



47.8144, 48.9063, 89.9489

Rectangle

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



57.9690, 48.9063, 49.5646



52.5683, 48.9063, 31.3979



36.6259, 48.9063, 57.1151



40.8882, 48.9063, 83.4323

Sweetspot

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



57.9703, 48.9086, 49.5656



85.3352, 85.0912, 91.7249



60.6353, 49.4000, 89.5588



17.9518, 17.7336, 19.0738



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



57.9703, 48.9086, 49.5656



61.4417, 48.9310, 47.9165



61.0093, 57.3006, 43.4447



15.9003, 15.8098, 17.0311



19.9934, 10.2698, 2.6159



1.6973, 0.8680, 0.3968

Inverse Universe

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



57.9703, 48.9086, 49.5656



61.4417, 48.9310, 47.9165



56.5194, 64.5986, 92.7094



15.9003, 15.8098, 17.0311



19.9934, 10.2698, 2.6159



1.6973, 0.8680, 0.3968

Previews

White Background



This preview shows how the XYZ color 57.9690, 48.9063, 49.5646 looks on a white background.

Color Contrast Check

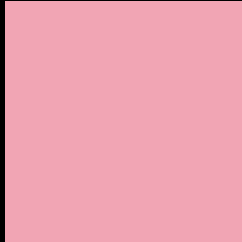
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.9690, 48.9063, 49.5646 looks on a black 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

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

XYZ 57.9690, 48.9063, 49.5646

Background



This preview shows how black text looks on a background with the XYZ color 57.9690, 48.9063, 49.5646.



This preview shows how white text looks on a background with the XYZ color 57.9690, 48.9063,

49.5646.

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

57.9690, 48.9063, 49.5646

Protanopia

47.4920, 49.1509, 56.2742

Deuteranopia

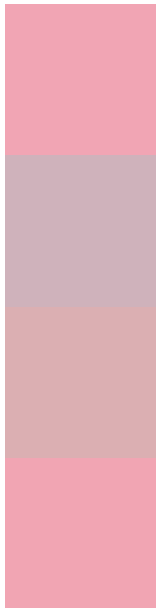
49.9892, 49.0822, 48.4341



Tritanopia

57.7666, 48.8254, 48.4991

Trichromacy



Original Color

57.9690, 48.9063, 49.5646

Protanomaly

50.6222, 48.6940, 53.7445

Deuteranomaly

52.5793, 48.9344, 48.7935

Tritanomaly

57.8674, 48.8657, 49.0299

Monochromacy



Original Color

57.9690, 48.9063, 49.5646

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

51.1966, 49.5976, 53.3293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9690, 48.9063, 49.5646 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(241, 165, 180)` looks like.

```
.text, #text, p{  
    color:rgb(241, 165, 180)  
}
```

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(241, 165, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 165, 180) }
```

Border

The CSS property to change the border of an element to XYZ 57.9690, 48.9063, 49.5646 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(241, 165, 180) }
```


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

```
.border{ border-color:rgb(241, 165, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 165, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 165, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 165, 180); box-shadow:4px 4px 4px 4px rgb(241, 165, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9690, 48.9063, 49.5646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 165, 180) }
```

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

```
.background{ background-color: rgb(241,  
165, 180) }
```

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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