

Converting Colors

XYZ(57.3669, 50.6357, 49.0453)

Have a look what the booklet for
XYZ(57.3669, 50.6357, 49.0453)
contains.

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Color

**XYZ(57.3805, 50.5523,
48.8528)**

Conversions

Conversions Part 1

Format	Color
Hex	ECACB2
RGB	236, 172, 178
RGB Percent	93%, 67%, 70%
CMY	0.0745, 0.3255, 0.3020
CMYK	0.00, 0.27, 0.25, 0.07
HSL	354°, 63%, 80%
HSV	354°, 27%, 93%
XYZ	57.3805, 50.5523, 48.8528
YIQ	191.8200, 36.2180, 15.4340

Conversions

Conversions Part 2

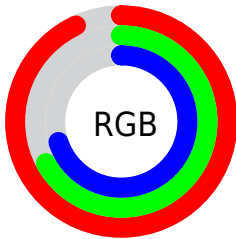
Format	Color
R _Y B	236, 172, 178
Decimal	15510706
CIE Lab	76.41, 24.28, 6.21
CIE LCh	76, 25.059, 14.352
Yxy	50.5523, 0.3660, 0.3224
Android (android.graphics.Color)	4293700786 (0xFFECACB2)
YUV	191.8200, -6.8133, 38.7459
Hunter-Lab	71.1001, 19.6310, 9.0320

Details

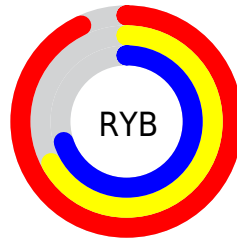
The XYZ color **57.3805, 50.5523, 48.8528** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.2938, 74.4759, 86.0114**, and the grayscale version is **50.0228, 52.6279, 57.3118**.

A 20% lighter version of the original color is **83.8347, 82.6873, 89.3836**, and **28.8889, 24.2580, 22.5617** is the 20% darker color. If you saturate the color by 10%, you get **51.2986, 41.5614, 37.0434**, and if you desaturate by 10%, it is **64.5976, 61.2770, 62.6937**.

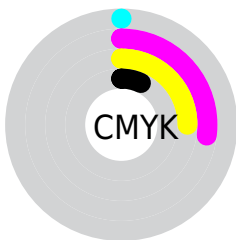
Distribution



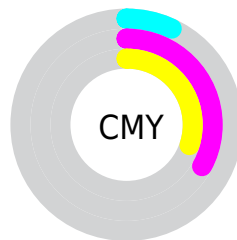
- Red (93%)
- Green (67%)
- Blue (70%)



- Red (93%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (27%)
- Yellow (25%)
- Black (7%)





- Cyan (7%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3805, 50.5523, 48.8528 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 57.3805, 50.5523, 48.8528 by changing the saturation by 10% instead.


 57.3805, 50.5523,
48.8528

 57.3805, 50.5523,
48.8528


404.8647,
388.8219, 398.7683

 41.5521, 35.8524,
34.1379

 100.1483, 90.9927,
89.8515

 28.9403, 24.3203,
22.7214


127.8185,
117.5019, 116.9725

 19.1797, 15.5714,
14.1845


160.1667,
148.7165, 149.0658

 11.9050, 9.2213,
8.1089

197.5582,
185.0207, 186.5502

 6.7508, 4.8858,
4.0759

240.3584,
226.7989, 229.8441

 3.3517, 2.1804,
1.6671

288.9326,

 1.3423, 0.7093,

274.4356, 279.3661

0.3380

343.6463,
328.3151, 335.5346

■ 0.2146, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3805, 50.5523,
48.8528

■ 57.3805, 50.5523,
48.8528

■ 51.2986, 41.5614,
37.0434

■ 64.5976, 61.2770,
62.6937

■ 46.2902, 34.2066,
27.1669

■ 72.9993, 73.8123,
78.6523

■ 42.2937, 28.3915,
19.1211

■ 82.6371, 88.2391,
96.8135

■ 39.2400, 24.0064,
12.7930

■ 88.4022, 96.5729,
108.5889

■ 37.0508, 20.9275,
8.0573

■ 35.6354, 19.0096,
4.7711

■ 34.8790, 18.0659,
2.7648

■ 34.7381, 17.8913,
2.3871

Harmonies

Analogous

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



57.3207, 50.5523, 62.3498



57.3805, 50.5523, 48.8528



54.8292, 50.5523, 38.8099

Triad

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



57.3805, 50.5523, 48.8528



41.9836, 50.5523, 38.4816



45.6436, 50.5523, 84.0313

Complementary

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



57.3805, 50.5523, 48.8528



61.2938, 74.4759, 86.0114

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.



41.8511, 50.5523, 75.2684



57.3805, 50.5523, 48.8528



39.8342, 50.5523, 48.3304

Square

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



57.3805, 50.5523, 48.8528



45.8354, 50.5523, 33.5206



39.7874, 50.5523, 61.7349



50.3316, 50.5523, 84.2332

Rectangle

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



57.3805, 50.5523, 48.8528



52.0817, 50.5523, 34.7926



39.7874, 50.5523, 61.7349



44.2290, 50.5523, 81.9324

Sweetspot

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



57.3819, 50.5547, 48.8538



86.0487, 86.5338, 91.9143



62.3993, 52.3205, 86.1673



18.0785, 18.0147, 19.0304



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.



57.3819, 50.5547, 48.8538



63.8844, 53.5731, 49.4803



62.1428, 61.0190, 47.5353



15.1228, 15.0770, 15.9319



19.1687, 9.8702, 1.4236



1.5248, 0.7829, 0.2148

Inverse Universe

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



57.3819, 50.5547, 48.8538



63.8844, 53.5731, 49.4803



55.3011, 61.1197, 88.2398



15.1228, 15.0770, 15.9319



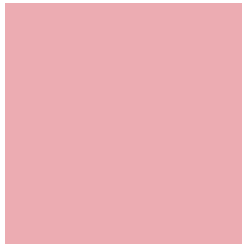
19.1687, 9.8702, 1.4236



1.5248, 0.7829, 0.2148

Previews

White Background



This preview shows how the XYZ color 57.3805, 50.5523, 48.8528 looks on a white background.

Color Contrast Check

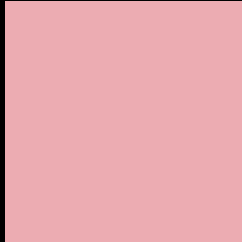
Large Text (above 18pt) WCAG AA × Fail

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 57.3805, 50.5523, 48.8528 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 57.3805, 50.5523, 48.8528

Background



This preview shows how black text looks on a background with the XYZ color 57.3805, 50.5523, 48.8528.



This preview shows how white text looks on a background with the XYZ color 57.3805, 50.5523,

48.8528.

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

57.3805, 50.5523, 48.8528

Protanopia

48.9452, 50.8918, 54.2571

Deuteranopia

51.7158, 50.5875, 48.1129



Tritanopia

58.1397, 50.5910, 52.0482

Trichromacy



Original Color

57.3805, 50.5523, 48.8528

Protanomaly

51.6742, 50.4719, 52.3659

Deuteranomaly

53.6750, 50.3873, 48.4917

Tritanomaly

57.9315, 50.5077, 50.9516

Monochromacy



Original Color

57.3805, 50.5523, 48.8528

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.3310, 51.6957, 54.2338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3805, 50.5523, 48.8528 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(236, 172, 178)` looks like.

```
.text, #text, p{  
    color:rgb(236, 172, 178)  
}
```

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(236, 172, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 172, 178) }
```

Border

The CSS property to change the border of an element to XYZ 57.3805, 50.5523, 48.8528 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(236, 172, 178) }
```


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

```
.border{ border-color:rgb(236, 172, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 172, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 172, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 172, 178);  
box-shadow:4px 4px 4px 4px rgb(236, 172,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3805, 50.5523, 48.8528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 172, 178) }
```

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

```
.background{ background-color: rgb(236,  
172, 178) }
```

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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