

Converting Colors

XYZ(57.5309, 48.8648, 53.4134)

Have a look what the booklet for
XYZ(57.5309, 48.8648, 53.4134)
contains.

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Color

**XYZ(57.5309, 48.8648,
53.4134)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA6BB
RGB	237, 166, 187
RGB Percent	93%, 65%, 73%
CMY	0.0706, 0.3490, 0.2667
CMYK	0.00, 0.30, 0.21, 0.07
HSL	342°, 66%, 79%
HSV	342°, 30%, 93%
XYZ	57.5309, 48.8648, 53.4134
YIQ	189.6230, 35.5750, 21.5830

Conversions

Conversions Part 2

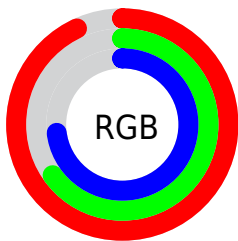
Format	Color
R_{YB}	237, 166, 187
Decimal	15574715
CIE _{Lab}	75.37, 29.13, -0.20
CIE _{LCh}	75, 29.129, 359.597
Yxy	48.8648, 0.3600, 0.3058
Android (android.graphics.Color)	4293764795 (0xFFEDA6BB)
YUV	189.6230, -1.2931, 41.5496
Hunter-Lab	69.9034, 24.5757, 3.6287

Details

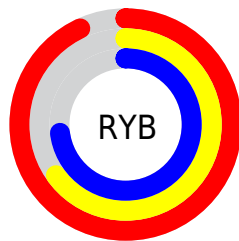
The XYZ color **57.5309, 48.8648, 53.4134** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.4068, 73.6344, 76.1037**, and the grayscale version is **48.7208, 51.2581, 55.8201**.

A 20% lighter version of the original color is **83.5389, 79.9736, 95.8275**, and **29.0306, 23.2348, 25.5089** is the 20% darker color. If you saturate the color by 10%, you get **51.9289, 40.3558, 43.2366**, and if you desaturate by 10%, it is **64.1373, 59.0491, 64.9507**.

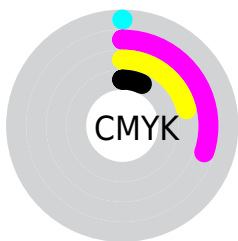
Distribution



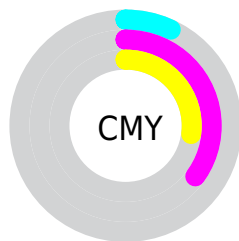
- Red (93%)
- Green (65%)
- Blue (73%)



- Red (93%)
- Yellow (65%)
- Blue (73%)



- Cyan (0%)
- Magenta (30%)
- Yellow (21%)
- Black (7%)





- Cyan (7%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5309, 48.8648, 53.4134 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 57.5309, 48.8648, 53.4134 by changing the saturation by 10% instead.


 57.5309, 48.8648,
53.4134

 57.5309, 48.8648,
53.4134


405.4178,
382.2098, 416.9804

 41.6734, 34.5122,
37.7429


 100.3663, 88.4906,
96.6601

 29.0357, 23.2874,
25.4829


 128.0750,
114.5327, 125.0734

 19.2522, 14.8059,
16.2149


160.4648,
145.2400, 158.5714

 11.9578, 8.6832,
9.5204

197.9010,
180.9970, 197.5726

 6.7869, 4.5352,
4.9807

240.7491,
222.1881, 242.4955

 3.3743, 1.9772,
2.1774

289.3743,

 1.3547, 0.5942,

269.1977, 293.7588

0.6613

344.1421,
322.4101, 351.7809

■ 0.2236, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5309, 48.8648,
53.4134

■ 57.5309, 48.8648,
53.4134

■ 51.9289, 40.3558,
43.2366

■ 64.1373, 59.0491,
64.9507

■ 47.2762, 33.4250,
34.3656

■ 71.7909, 70.9852,
77.8946

■ 43.5191, 27.9761,
26.7459

■ 80.5371, 84.7532,
92.2923

■ 40.5961, 23.8991,
20.3180

■ 88.5372, 96.6654,
107.5614

■ 38.4377, 21.0686,
15.0167

■ 88.7352, 96.7446,
108.6045

■ 36.9622, 19.3356,
10.7696

■ 36.0370, 18.4512,
7.4834

■ 36.0335, 18.4479,
7.4707

Harmonies

Analogous

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



55.9121, 48.8648, 69.5836



57.5309, 48.8648, 53.4134



55.9942, 48.8648, 39.9191

Triad

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



57.5309, 48.8648, 53.4134



41.5383, 48.8648, 31.4470



41.4218, 48.8648, 82.9369

Complementary

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



57.5309, 48.8648, 53.4134



58.4068, 73.6344, 76.1037

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.



38.0475, 48.8648, 69.1543



57.5309, 48.8648, 53.4134



38.1110, 48.8648, 39.6229

Square

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



57.5309, 48.8648, 53.4134



46.5171, 48.8648, 28.8125



36.8826, 48.8648, 52.9981



46.3721, 48.8648, 88.5129

Rectangle

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



57.5309, 48.8648, 53.4134



53.4496, 48.8648, 33.7462



36.8826, 48.8648, 52.9981



40.0799, 48.8648, 78.9942

Sweetspot

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



57.5323, 48.8671, 53.4144



85.6666, 85.2237, 93.4699



57.1544, 47.9426, 86.3626



18.0329, 17.7661, 19.5010



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.



57.5323, 48.8671, 53.4144



63.7051, 51.2584, 55.4512



58.1713, 53.4833, 43.3365



15.2487, 15.1273, 16.5952



19.7229, 10.0919, 4.3423



1.5896, 0.8088, 0.5562

Inverse Universe

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



57.5323, 48.8671, 53.4144



63.7051, 51.2584, 55.4512



57.3479, 66.8915, 90.0099



15.2487, 15.1273, 16.5952



19.7229, 10.0919, 4.3423



1.5896, 0.8088, 0.5562

Previews

White Background



This preview shows how the XYZ color 57.5309, 48.8648, 53.4134 looks on a white background.

Color Contrast Check

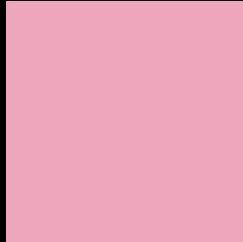
Large Text (above 18pt) WCAG AA × Fail

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 57.5309, 48.8648, 53.4134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

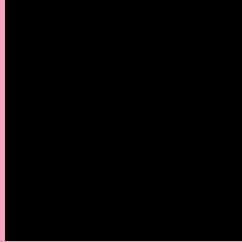
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5309, 48.8648, 53.4134

Background



This preview shows how black text looks on a background with the XYZ color 57.5309, 48.8648, 53.4134.



This preview shows how white text looks on a background with the XYZ color 57.5309, 48.8648,

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

57.5309, 48.8648, 53.4134

Protanopia

47.7917, 49.2142, 60.4065

Deuteranopia

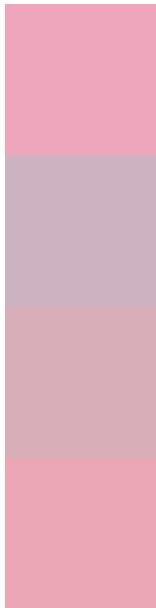
49.8748, 48.9406, 52.1652



Tritanopia

56.6490, 48.7656, 49.6070

Trichromacy



Original Color

57.5309, 48.8648, 53.4134

Protanomaly

50.8348, 48.7150, 57.7626

Deuteranomaly

52.4058, 48.7617, 52.5488

Tritanomaly

56.9580, 48.8892, 51.2343

Monochromacy



Original Color

57.5309, 48.8648, 53.4134

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.4413, 49.9873, 55.0814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5309, 48.8648, 53.4134 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(237, 166, 187)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 187)  
}
```

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(237, 166, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 187) }
```

Border

The CSS property to change the border of an element to XYZ 57.5309, 48.8648, 53.4134 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(237, 166, 187) }
```


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

```
.border{ border-color:rgb(237, 166, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 166, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 166, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 166, 187);  
box-shadow:4px 4px 4px 4px rgb(237, 166,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5309, 48.8648, 53.4134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 166, 187) }
```

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

```
.background{ background-color: rgb(237,  
166, 187) }
```

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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