

Converting Colors

XYZ(56.8447, 48.9515, 58.2638)

Have a look what the booklet for
XYZ(56.8447, 48.9515, 58.2638)
contains.

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Color

**XYZ(56.8080, 48.9343,
58.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A8C3
RGB	231, 168, 195
RGB Percent	91%, 66%, 76%
CMY	0.0941, 0.3412, 0.2353
CMYK	0.00, 0.27, 0.16, 0.09
HSL	334°, 57%, 78%
HSV	334°, 27%, 91%
XYZ	56.8080, 48.9343, 58.0809
YIQ	189.9150, 28.8810, 21.7530

Conversions

Conversions Part 2

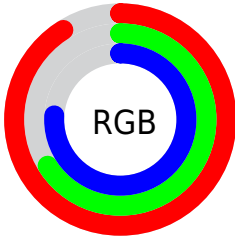
Format	Color
R _Y B	231, 168, 195
Decimal	15182019
CIE Lab	75.41, 27.16, -4.60
CIE LCh	75, 27.549, 350.394
Yxy	48.9343, 0.3468, 0.2987
Android (android.graphics.Color)	4293372099 (0xFFE7A8C3)
YUV	189.9150, 2.5069, 36.0315
Hunter-Lab	69.9531, 22.5398, -0.2604

Details

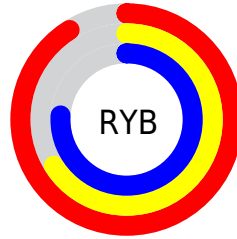
The XYZ color **56.8080, 48.9343, 58.0809** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.6255, 69.8377, 67.6784**, and the grayscale version is **48.8702, 51.4152, 55.9912**.

A 20% lighter version of the original color is **85.4663, 81.5996, 103.3412**, and **28.6176, 23.2985, 28.1881** is the 20% darker color. If you saturate the color by 10%, you get **51.4891, 40.5801, 49.2667**, and if you desaturate by 10%, it is **63.0192, 58.8608, 67.8447**.

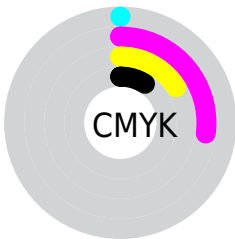
Distribution



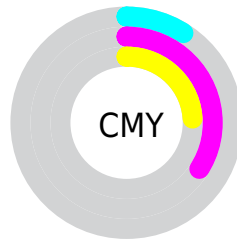
- Red (91%)
- Green (66%)
- Blue (76%)



- Red (91%)
- Yellow (66%)
- Blue (76%)



- Cyan (0%)
- Magenta (27%)
- Yellow (16%)
- Black (9%)





- Cyan (9%)
- Magenta (34%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8080, 48.9343, 58.0809 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 56.8080, 48.9343, 58.0809 by changing the saturation by 10% instead.

 56.8080, 48.9343,
58.0809


 56.8080, 48.9343,
58.0809


402.7553,
382.4836, 435.0940

 41.0906, 34.5674,
41.4586

 99.3180, 88.5939,
103.5566

 28.5779, 23.3298,
28.3552


 126.8413,
114.6553, 133.2470

 18.9044, 14.8372,
18.3522

159.0306,
145.3837, 168.1306

 11.7048, 8.7052,
11.0311

196.2514,
181.1634, 208.6258

 6.6138, 4.5494,
5.9733

238.8688,
222.3788, 255.1512

 3.2659, 1.9854,
2.7603

287.2484,

 1.2959, 0.5990,

269.4144, 308.1253

0.9736

341.7555,
322.6546, 367.9668

■ 0.1802, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8080, 48.9343,
58.0809

■ 56.8080, 48.9343,
58.0809

■ 51.4891, 40.5801,
49.2667

■ 63.0192, 58.8608,
67.8447

■ 47.0148, 33.7099,
41.3678

■ 70.1589, 70.4283,
78.5847

■ 43.3392, 28.2370,
34.3520

■ 78.2663, 83.7099,
90.3301

■ 40.4099, 24.0626,
28.1836

■ 85.6283, 95.2743,
102.5250

■ 38.1682, 21.0753,
22.8238

■ 86.7653, 95.7291,
108.5123

■ 36.5452, 19.1440,
18.2297

■ 35.4516, 18.0971,
14.3501

■ 35.2070, 17.8898,
13.3997

Harmonies

Analogous

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



54.4391, 48.9343, 73.1516



56.8080, 48.9343, 58.0809



56.2673, 48.9343, 44.1258

Triad

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



56.8080, 48.9343, 58.0809



43.1931, 48.9343, 31.1488



40.5643, 48.9343, 77.8365

Complementary

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



56.8080, 48.9343, 58.0809



55.6255, 69.8377, 67.6784

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.



37.9524, 48.9343, 63.6226



56.8080, 48.9343, 58.0809



39.3919, 48.9343, 37.3803

Square

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



56.8080, 48.9343, 58.0809



48.1576, 48.9343, 30.2079



37.5394, 48.9343, 48.7534



44.9015, 48.9343, 85.8500

Rectangle

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



56.8080, 48.9343, 58.0809



54.3434, 48.9343, 37.1484



37.5394, 48.9343, 48.7534



39.4691, 48.9343, 73.5158

Sweetspot

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



56.8094, 48.9365, 58.0819



87.0633, 86.9396, 97.2574



53.2481, 46.5723, 81.7849



18.3325, 18.1163, 20.3680



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.



56.8094, 48.9365, 58.0819



67.0262, 54.8298, 66.0250



54.8153, 49.3996, 43.6944



14.6321, 14.4700, 16.2629



19.7968, 10.0529, 7.8247



1.5087, 0.7612, 0.8192

Inverse Universe

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



56.8094, 48.9365, 58.0819



67.0262, 54.8298, 66.0250



57.9883, 68.9245, 85.8495



14.6321, 14.4700, 16.2629



19.7968, 10.0529, 7.8247



1.5087, 0.7612, 0.8192

Previews

White Background



This preview shows how the XYZ color 56.8080, 48.9343, 58.0809 looks on a white background.

Color Contrast Check

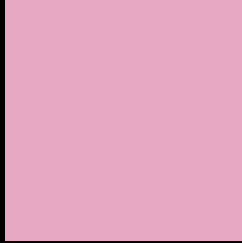
Large Text (above 18pt) WCAG AA × Fail

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 56.8080, 48.9343, 58.0809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

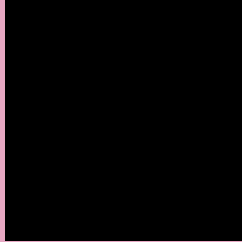
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8080, 48.9343, 58.0809

Background



This preview shows how black text looks on a background with the XYZ color 56.8080, 48.9343, 58.0809.



This preview shows how white text looks on a background with the XYZ color 56.8080, 48.9343,

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

56.8080, 48.9343, 58.0809

Protanopia

48.1356, 49.2960, 64.7357

Deuteranopia

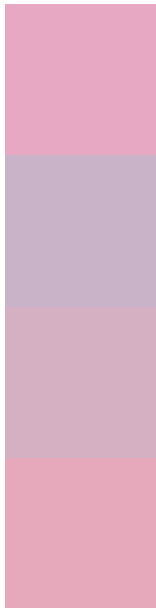
50.0343, 48.9103, 57.2556



Tritanopia

55.5551, 48.9913, 51.3279

Trichromacy



Original Color

56.8080, 48.9343, 58.0809

Protanomaly

50.7501, 48.8748, 62.0173

Deuteranomaly

52.4143, 48.9428, 57.7233

Tritanomaly

55.7907, 48.7868, 53.4900

Monochromacy



Original Color

56.8080, 48.9343, 58.0809

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.4192, 50.2408, 56.8565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8080, 48.9343, 58.0809 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(231, 168, 195)` looks like.

```
.text, #text, p{  
    color:rgb(231, 168, 195)  
}
```

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(231, 168, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 168, 195) }
```

Border

The CSS property to change the border of an element to XYZ 56.8080, 48.9343, 58.0809 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(231, 168, 195) }
```


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

```
.border{ border-color:rgb(231, 168, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 168, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 168, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 168, 195);  
box-shadow:4px 4px 4px 4px rgb(231, 168,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8080, 48.9343, 58.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 168, 195) }
```

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

```
.background{ background-color: rgb(231,  
168, 195) }
```

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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