

Converting Colors

XYZ(64.4407, 58.7258, 56.3320)

Have a look what the booklet for
XYZ(64.4407, 58.7258, 56.3320)
contains.

XYZ(64.4768, 58.8737, 56.1096)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.4768, 58.8737,
56.1096)**

Conversions

Conversions Part 1

Format	Color
Hex	F4BCBD
RGB	244, 188, 189
RGB Percent	96%, 74%, 74%
CMY	0.0431, 0.2627, 0.2588
CMYK	0.00, 0.23, 0.23, 0.04
HSL	359°, 72%, 85%
HSV	359°, 23%, 96%
XYZ	64.4768, 58.8737, 56.1096
YIQ	204.8580, 33.0550, 12.1830

Conversions

Conversions Part 2

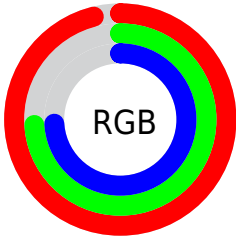
Format	Color
RYB	244, 188, 189
Decimal	16039101
CIELab	81.22, 20.27, 7.28
CIELCh	81, 21.537, 19.754
Yxy	58.8737, 0.3593, 0.3281
Android (android.graphics.Color)	4294229181 (0xFFF4BCBD)
YUV	204.8580, -7.8180, 34.3275
Hunter-Lab	76.7292, 15.7204, 10.3536

Details

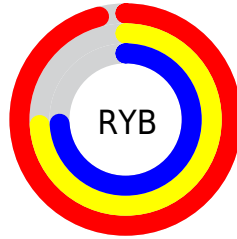
The XYZ color **64.4768, 58.8737, 56.1096** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.2698, 81.8652, 96.9488**, and the grayscale version is **57.9729, 60.9920, 66.4203**.

A 20% lighter version of the original color is **90.0721, 92.5539, 99.5036**, and **33.4625, 29.3926, 27.2022** is the 20% darker color. If you saturate the color by 10%, you get **57.3082, 48.3612, 41.9282**, and if you desaturate by 10%, it is **72.9597, 71.3259, 72.8512**.

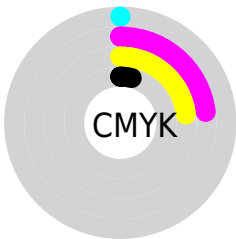
Distribution



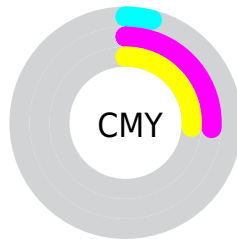
- Red (96%)
- Green (74%)
- Blue (74%)



- Red (96%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (23%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.4768, 58.8737, 56.1096 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 64.4768, 58.8737, 56.1096 by changing the saturation by 10% instead.


 64.4768, 58.8737,
56.1096

 64.4768, 58.8737,
56.1096

430.4844,
420.4337, 427.5043

 47.3001, 42.5115,
39.8862


 110.3672,
103.1941, 100.6522

 33.4819, 29.5020,
27.1367


139.8116,
131.9210, 129.8085

 22.6569, 19.4609,
17.4426


174.0760,
165.5383, 164.1128

 14.4596, 12.0038,
10.3853

213.5257,
204.4303, 203.9838

 8.5249, 6.7463,
5.5462

258.5260,
248.9815, 249.8399

 4.4872, 3.3039,
2.5069


309.4423,

 1.9813, 1.2924,


299.5761, 302.0996


0.8438


366.6400,
356.5988, 361.1816


 0.6234, 0.1353,
0.0000


 0.0000, 0.0000,
0.0000


 64.4768, 58.8737,
56.1096


 64.4768, 58.8737,
56.1096


 57.3082, 48.3612,
41.9282


 72.9597, 71.3259,
72.8512

 51.3837, 39.6833,
30.1775

 82.8130, 85.8000,
92.2666

 46.6340, 32.7372,
20.7222

 91.1184, 97.9732,
108.7160

 42.9807, 27.4069,
13.4123

■ 40.3364, 23.5621,
8.0799

■ 38.6001, 21.0523,
4.5323

■ 37.6497, 19.6955,
2.5383

■ 37.3322, 19.2427,
1.8711

Harmonies

Analogous

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



64.8845, 58.8737, 68.5998



64.4768, 58.8737, 56.1096



61.7190, 58.8737, 47.0326

Triad

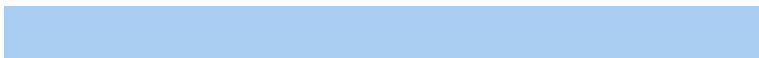
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.4768, 58.8737, 56.1096



49.6273, 58.8737, 49.4281



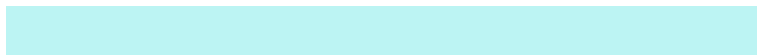
54.4370, 58.8737, 91.6225

Complementary

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



64.4768, 58.8737, 56.1096



69.2698, 81.8652, 96.9488

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.



50.5666, 58.8737, 84.8735



64.4768, 58.8737, 56.1096



47.8897, 58.8737, 59.8080

Square

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



64.4768, 58.8737, 56.1096



53.0920, 58.8737, 43.5471



48.2241, 58.8737, 72.8226



58.9247, 58.8737, 90.2840

Rectangle

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



64.4768, 58.8737, 56.1096



58.9967, 58.8737, 43.6032



48.2241, 58.8737, 72.8226



53.0248, 58.8737, 90.1929

Sweetspot

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



64.4784, 58.8764, 56.1108



86.9221, 88.0571, 92.8946



70.9777, 61.4017, 93.6992



18.4626, 18.6388, 19.6029



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.



64.4784, 58.8764, 56.1108



67.0407, 58.8723, 53.6566



70.4674, 71.0267, 57.5759



16.5111, 16.4873, 17.1720



20.3043, 10.4652, 1.0448



1.7887, 0.9214, 0.1135

Inverse Universe

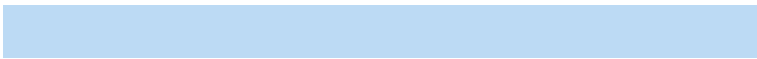
The Inverse Universe completely reimagines the original color for something new.



64.4784, 58.8764, 56.1108



67.0407, 58.8723, 53.6566



62.1074, 67.2991, 95.3050



16.5111, 16.4873, 17.1720



20.3043, 10.4652, 1.0448



1.7887, 0.9214, 0.1135

Previews

White Background



This preview shows how the XYZ color 64.4768, 58.8737, 56.1096 looks on a white background.

Color Contrast Check

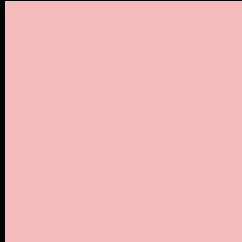
Large Text (above 18pt) WCAG AA × Fail

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 64.4768, 58.8737, 56.1096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

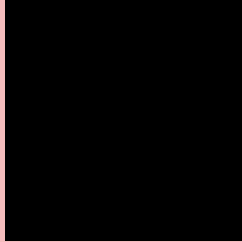
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.4768, 58.8737, 56.1096

Background



This preview shows how black text looks on a background with the XYZ color 64.4768, 58.8737, 56.1096.



This preview shows how white text looks on a background with the XYZ color 64.4768, 58.8737,

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

64.4768, 58.8737, 56.1096

Protanopia

56.5826, 59.0242, 60.6351

Deuteranopia

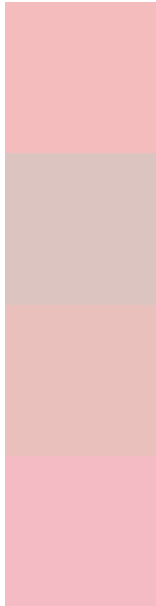
60.2708, 58.9919, 55.7869



Tritanopia

65.7577, 58.7473, 63.1319

Trichromacy



Original Color

64.4768, 58.8737, 56.1096

Protanomaly

58.8808, 58.5458, 58.6492

Deuteranomaly

61.5310, 58.6538, 55.6552

Tritanomaly

65.5046, 58.9843, 60.7560

Monochromacy



Original Color

64.4768, 58.8737, 56.1096

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.9456, 60.0304, 62.4604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4768, 58.8737, 56.1096 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(244, 188, 189)` looks like.

```
.text, #text, p{  
    color:rgb(244, 188, 189)  
}
```

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(244, 188, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 188, 189) }
```

Border

The CSS property to change the border of an element to XYZ 64.4768, 58.8737, 56.1096 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(244, 188, 189) }
```


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

```
.border{ border-color:rgb(244, 188, 189) }
```

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

Here you see how a box with a 4 pixel rgb(244, 188, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 188, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 188, 189);  
box-shadow:4px 4px 4px 4px rgb(244, 188,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4768, 58.8737, 56.1096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 188, 189) }
```

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

```
.background{ background-color: rgb(244,  
188, 189) }
```

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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