

Converting Colors

XYZ(64.3988, 58.9928, 57.4544)

Have a look what the booklet for
XYZ(64.3988, 58.9928, 57.4544)
contains.

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Color

**XYZ(64.5637, 59.2115,
57.3163)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BDBF
RGB	243, 189, 191
RGB Percent	95%, 74%, 75%
CMY	0.0471, 0.2588, 0.2510
CMYK	0.00, 0.22, 0.21, 0.05
HSL	358°, 69%, 85%
HSV	358°, 22%, 95%
XYZ	64.5637, 59.2115, 57.3163
YIQ	205.3740, 31.5420, 12.0700

Conversions

Conversions Part 2

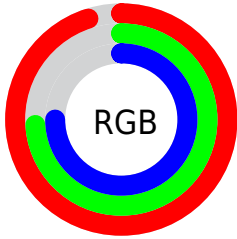
Format	Color
R _Y B	243, 189, 191
Decimal	15973823
CIE Lab	81.41, 19.67, 6.46
CIE LCh	81, 20.700, 18.178
Yxy	59.2115, 0.3565, 0.3270
Android (android.graphics.Color)	4294163903 (0xFFFF3BDBF)
YUV	205.3740, -7.0864, 32.9980
Hunter-Lab	76.9490, 15.1088, 9.7015

Details

The XYZ color **64.5637, 59.2115, 57.3163** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9165, 81.2722, 95.2780**, and the grayscale version is **58.2975, 61.3335, 66.7922**.

A 20% lighter version of the original color is **90.6809, 93.2802, 101.2212**, and **33.5011, 29.6020, 27.9928** is the 20% darker color. If you saturate the color by 10%, you get **57.3951, 48.6713, 43.2198**, and if you desaturate by 10%, it is **73.0228, 71.6731, 73.8744**.

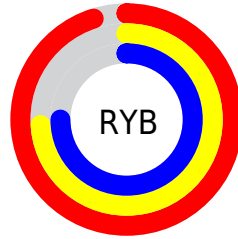
Distribution



Red (95%)

Green (74%)

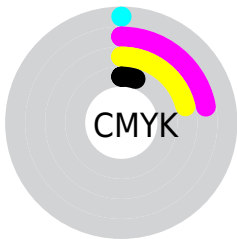
Blue (75%)



Red (95%)

Yellow (74%)

Blue (75%)

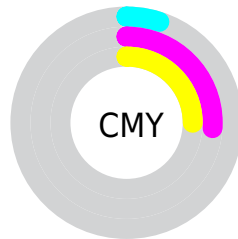


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (5%)



Cyan (5%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.5637, 59.2115, 57.3163 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 64.5637, 59.2115, 57.3163 by changing the saturation by 10% instead.


 64.5637, 59.2115,
57.3163

 64.5637, 59.2115,
57.3163


430.7925,
421.6852, 432.1604

 47.3708, 42.7834,
40.8482


 110.4916,
103.6850, 102.4315

 33.5380, 29.7152,
27.8817

139.9572,
132.4992, 131.9156

 22.7001, 19.6225,
17.9982


174.2445,
166.2108, 166.5755

 14.4917, 12.1210,
10.7793

213.7187,
205.2044, 206.8297

 8.5474, 6.8261,
5.8063

258.7453,
249.8642, 253.0968

 4.5019, 3.3536,
2.6608


309.6895,

 1.9898, 1.3190,


300.5747, 305.7952

0.9236


366.9168,
357.7202, 365.3436


 0.6282, 0.1558,
0.0000


 0.0000, 0.0000,
0.0000


 64.5637, 59.2115,
57.3163


 64.5637, 59.2115,
57.3163


 57.3951, 48.6713,
43.2198


 73.0228, 71.6731,
73.8744

 51.4490, 39.9495,
31.4640

 82.8263, 86.1364,
92.9997

 46.6585, 32.9454,
21.9233

 90.7723, 97.7948,
108.6998

 42.9487, 27.5459,
14.4588

■ 40.2354, 23.6238,
8.9162

■ 38.4222, 21.0329,
5.1193

■ 37.3936, 19.5973,
2.8601

■ 37.0115, 19.0744,
1.9889

Harmonies

Analogous

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



64.8258, 59.2115, 69.4797



64.5637, 59.2115, 57.3163



62.0139, 59.2115, 48.2873

Triad

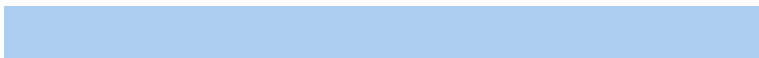
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.5637, 59.2115, 57.3163



50.3006, 59.2115, 49.8453



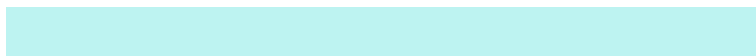
54.5905, 59.2115, 90.7336

Complementary

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



64.5637, 59.2115, 57.3163



68.9165, 81.2722, 95.2780

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.



50.9085, 59.2115, 83.9189



64.5637, 59.2115, 57.3163



48.5180, 59.2115, 59.7095

Square

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



64.5637, 59.2115, 57.3163



53.7216, 59.2115, 44.3702



48.7347, 59.2115, 72.1982



58.9158, 59.2115, 89.8772

Rectangle

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



64.5637, 59.2115, 57.3163



59.4301, 59.2115, 44.7756



48.7347, 59.2115, 72.1982



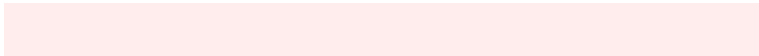
53.2408, 59.2115, 89.2317

Sweetspot

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



64.5653, 59.2142, 57.3175



86.9723, 88.0771, 93.1590



70.4140, 61.4468, 92.9436



18.4742, 18.6435, 19.6639



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.



64.5653, 59.2142, 57.3175



67.9827, 60.1019, 55.9880



70.0189, 70.4705, 58.0593



16.5239, 16.4924, 17.2397



20.3239, 10.4730, 1.1478



1.7948, 0.9239, 0.1460

Inverse Universe

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



64.5653, 59.2142, 57.3175



67.9827, 60.1019, 55.9880



62.4196, 67.7989, 94.5910



16.5239, 16.4924, 17.2397



20.3239, 10.4730, 1.1478



1.7948, 0.9239, 0.1460

Previews

White Background



This preview shows how the XYZ color 64.5637, 59.2115, 57.3163 looks on a white background.

Color Contrast Check

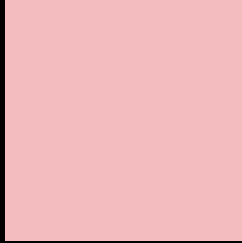
Large Text (above 18pt) WCAG AA × Fail

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 64.5637, 59.2115, 57.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

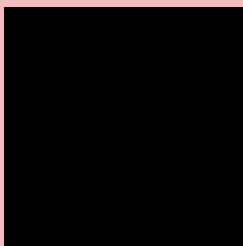
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.5637, 59.2115, 57.3163

Background



This preview shows how black text looks on a background with the XYZ color 64.5637, 59.2115, 57.3163.



This preview shows how white text looks on a background with the XYZ color 64.5637, 59.2115,

57.3163.

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

64.5637, 59.2115, 57.3163

Protanopia

57.0457, 59.5837, 61.9202

Deuteranopia

60.7127, 59.5285, 57.0054



Tritanopia

65.7392, 59.0380, 63.8078

Trichromacy



Original Color

64.5637, 59.2115, 57.3163

Protanomaly

59.3318, 59.0883, 59.9078

Deuteranomaly

61.9685, 59.1813, 56.8722

Tritanomaly

65.4845, 59.2768, 61.4162

Monochromacy



Original Color

64.5637, 59.2115, 57.3163

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.0622, 60.0770, 63.0740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5637, 59.2115, 57.3163 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(243, 189, 191)` looks like.

```
.text, #text, p{  
    color:rgb(243, 189, 191)  
}
```

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(243, 189, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 189, 191) }
```

Border

The CSS property to change the border of an element to XYZ 64.5637, 59.2115, 57.3163 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(243, 189, 191) }
```


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

```
.border{ border-color:rgb(243, 189, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 189, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 189, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 189, 191);  
box-shadow:4px 4px 4px 4px rgb(243, 189,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5637, 59.2115, 57.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 189, 191) }
```

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

```
.background{ background-color: rgb(243,  
189, 191) }
```

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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