

# Converting Colors

XYZ(63.3959, 58.4711, 59.2482)

Have a look what the booklet for  
XYZ(63.3959, 58.4711, 59.2482)  
contains.

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# Color

**XYZ(63.5318, 58.6410,  
59.0093)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EFBDC2
RGB	239, 189, 194
RGB Percent	94%, 74%, 76%
CMY	0.0627, 0.2588, 0.2392
CMYK	0.00, 0.21, 0.19, 0.06
HSL	354°, 61%, 84%
HSV	354°, 21%, 94%
XYZ	63.5318, 58.6410, 59.0093
YIQ	204.5200, 28.1950, 12.1550

# Conversions

## Conversions Part 2

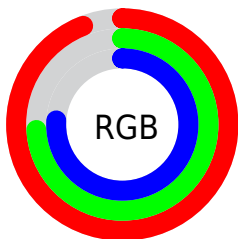
Format	Color
R <sub>Y</sub> B	239, 189, 194
Decimal	15711682
CIE Lab	81.09, 18.67, 4.34
CIE LCh	81, 19.164, 13.096
Yxy	58.6410, 0.3507, 0.3237
Android (android.graphics.Color)	4293901762 (0xFFEFBDC2)
YUV	204.5200, -5.1864, 30.2390
Hunter-Lab	76.5774, 14.0805, 7.9163

# Details

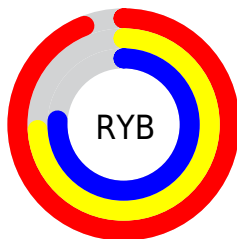
The XYZ color **63.5318, 58.6410, 59.0093** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.7064, 78.4937, 89.4808**, and the grayscale version is **57.7443, 60.7515, 66.1584**.

A 20% lighter version of the original color is **91.1477, 93.4669, 103.6794**, and **32.6890, 29.1665, 28.7177** is the 20% darker color. If you saturate the color by 10%, you get **56.5645, 48.2967, 45.6175**, and if you desaturate by 10%, it is **71.6992, 70.8248, 74.5280**.

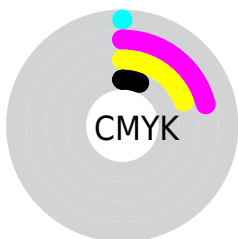
# Distribution



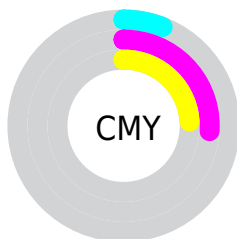
- Red (94%)
- Green (74%)
- Blue (76%)



- Red (94%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (6%)




- Cyan (6%)
- Magenta (26%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5318, 58.6410, 59.0093 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 63.5318, 58.6410, 59.0093 by changing the saturation by 10% instead.





 63.5318, 58.6410,  
59.0093

 63.5318, 58.6410,  
59.0093


427.1260,  
419.5702, 438.6392

 46.5318, 42.3242,  
42.2005


 109.0139,  
102.8557, 104.9204

 32.8721, 29.3552,  
28.9316


138.2267,  
131.5224, 134.8599

 22.1872, 19.3497,  
18.7840


172.2412,  
165.0745, 170.0133

 14.1119, 11.9232,  
11.3390

211.4227,  
203.8965, 210.7993

 8.2808, 6.6914,  
6.1783

256.1366,  
248.3726, 257.6363

 4.3284, 3.2699,  
2.8833

306.7482,

 1.8896, 1.2742,

298.8873, 310.9430

1.0353

363.6229,  
355.8251, 371.1378

■ 0.5708, 0.1211,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 63.5318, 58.6410,  
59.0093

■ 63.5318, 58.6410,  
59.0093

■ 56.5645, 48.2967,  
45.6175

■ 71.6992, 70.8248,  
74.5280

■ 50.7361, 39.6950,  
34.2563

■ 81.1146, 84.9229,  
92.2567

■ 45.9872, 32.7422,  
24.8275

■ 89.4068, 97.0908,  
108.6359

■ 42.2511, 27.3327,  
17.2232

■ 39.4537, 23.3486,  
11.3249

■ 37.5105, 20.6550,  
7.0001

■ 36.3218, 19.0909,  
4.0964

■ 35.7604, 18.4163,  
2.5276

# Harmonies

## Analogous

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



63.3882, 58.6410, 70.4410



63.5318, 58.6410, 59.0093



61.5167, 58.6410, 50.0093

# Triad

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



63.5318, 58.6410, 59.0093



50.6672, 58.6410, 49.1387



53.5396, 58.6410, 87.2133

# Complementary

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



63.5318, 58.6410, 59.0093



66.7064, 78.4937, 89.4808

# 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.



50.3302, 58.6410, 80.0345



63.5318, 58.6410, 59.0093



48.7268, 58.6410, 57.6837

# Square

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



63.5318, 58.6410, 59.0093



54.0196, 58.6410, 44.7847



48.6065, 58.6410, 68.9486



57.4894, 58.6410, 87.6785



# Rectangle

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



63.5318, 58.6410, 59.0093



59.2735, 58.6410, 46.2233



48.6065, 58.6410, 68.9486



52.3431, 58.6410, 85.4696

# Sweetspot

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



63.5334, 58.6437, 59.0105



88.2232, 89.7682, 96.0755



67.7110, 60.1224, 89.6978



18.7313, 18.9864, 20.2776



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.



63.5334, 58.6437, 59.0105



70.0746, 62.6904, 61.6036



67.5841, 67.6280, 57.6389



15.8370, 15.7845, 16.6977



19.7835, 10.1858, 1.5105



1.6672, 0.8559, 0.2383



# Inverse Universe

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



63.5334, 58.6437, 59.0105



70.0746, 62.6904, 61.6036



61.9000, 67.7161, 91.4698



15.8370, 15.7845, 16.6977



19.7835, 10.1858, 1.5105

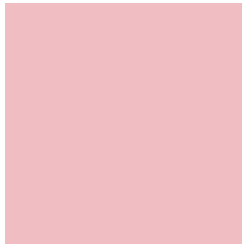


1.6672, 0.8559, 0.2383



# Previews

## White Background



This preview shows how the XYZ color 63.5318, 58.6410, 59.0093 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

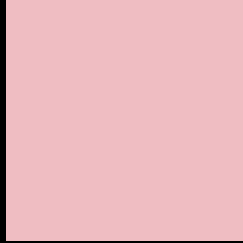
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 63.5318, 58.6410, 59.0093 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 63.5318, 58.6410, 59.0093**

## **Background**



This preview shows how black text looks on a background with the XYZ color 63.5318, 58.6410, 59.0093.



This preview shows how white text looks on a background with the XYZ color 63.5318, 58.6410,



# 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

63.5318, 58.6410, 59.0093

### Protanopia

56.6061, 58.9695, 63.6571

### Deuteranopia

59.8812, 58.7278, 58.6316



## Tritanopia

64.5791, 58.7560, 63.8145

# Trichromacy



## Original Color

63.5318, 58.6410, 59.0093

## Protanomaly

58.7746, 58.7614, 61.6704

## Deuteranomaly

61.0087, 58.6482, 58.5568

## Tritanomaly

64.2272, 58.6152, 61.9616

# Monochromacy



## Original Color

63.5318, 58.6410, 59.0093

## Achromatopsia

58.0276, 61.0496, 66.4830

## Achromatomaly

59.5813, 59.8156, 63.6636

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 63.5318, 58.6410, 59.0093 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(239, 189, 194)` looks like.

```
.text, #text, p{  
    color:rgb(239, 189, 194)  
}
```

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(239, 189, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 189, 194) }
```

## Border

The CSS property to change the border of an element to XYZ 63.5318, 58.6410, 59.0093 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(239, 189, 194) }
```



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

```
.border{ border-color:rgb(239, 189, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 189, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 189, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 189, 194); box-shadow:4px 4px 4px 4px rgb(239, 189, 194) }
```

# Background

The CSS property to change the background color of an element to XYZ 63.5318, 58.6410, 59.0093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 189, 194) }
```

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

```
.background{ background-color: rgb(239,  
189, 194) }
```

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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