

Converting Colors

XYZ(63.5823, 61.6001, 59.5792)

Have a look what the booklet for
XYZ(63.5823, 61.6001, 59.5792)
contains.

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Color

**XYZ(63.5360, 61.6068,
59.5815)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C6C2
RGB	233, 198, 194
RGB Percent	91%, 78%, 76%
CMY	0.0863, 0.2235, 0.2392
CMYK	0.00, 0.15, 0.17, 0.09
HSL	6°, 47%, 84%
HSV	6°, 17%, 91%
XYZ	63.5360, 61.6068, 59.5815
YIQ	208.0090, 22.1440, 6.1760

Conversions

Conversions Part 2

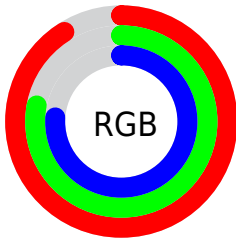
Format	Color
R _Y B	233, 198, 194
Decimal	15320770
CIE Lab	82.70, 11.74, 6.59
CIE LCh	83, 13.461, 29.326
Yxy	61.6068, 0.3440, 0.3335
Android (android.graphics.Color)	4293510850 (0xFFE9C6C2)
YUV	208.0090, -6.9064, 21.9171
Hunter-Lab	78.4900, 7.1345, 9.9362

Details

The XYZ color **63.5360, 61.6068, 59.5815** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.9751, 73.3897, 87.8326**, and the grayscale version is **59.9947, 63.1191, 68.7367**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **32.8383, 31.1871, 29.0999** is the 20% darker color. If you saturate the color by 10%, you get **56.6683, 51.7355, 45.3782**, and if you desaturate by 10%, it is **71.4772, 72.9671, 76.1682**.

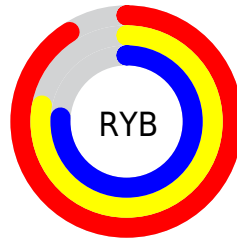
Distribution



Red (91%)

Green (78%)

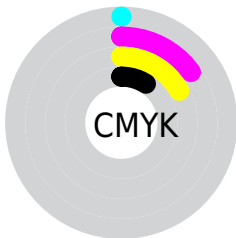
Blue (76%)



Red (91%)

Yellow (78%)

Blue (76%)

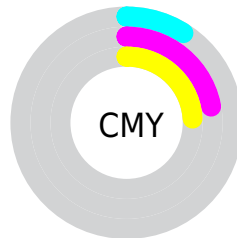


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (9%)



Cyan (9%)


Magenta (22%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5360, 61.6068, 59.5815 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 63.5360, 61.6068, 59.5815 by changing the saturation by 10% instead.


 63.5360, 61.6068,
59.5815

 63.5360, 61.6068,
59.5815


427.1409,
430.4954, 440.8152

 46.5352, 44.7151,
42.6583


 109.0199,
107.1570, 105.7598

 32.8748, 31.2330,
29.2877


138.2338,
136.5843, 135.8519

 22.1893, 20.7764,
19.0511


172.2494,
170.9589, 171.1708

 14.1135, 12.9606,
11.5300

211.4321,
210.6652, 212.1350

 8.2819, 7.4014,
6.3059

256.1472,
256.0876, 259.1630

 4.3291, 3.7144,
2.9602

306.7602,

 1.8900, 1.5151,

307.6105, 312.6733

1.0743

363.6363,
365.6183, 373.0845

■ 0.5710, 0.2993,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5360, 61.6068,
59.5815

■ 63.5360, 61.6068,
59.5815

■ 56.6683, 51.7355,
45.3782

■ 71.4772, 72.9671,
76.1682

■ 50.8229, 43.2836,
33.4450

■ 80.5298, 85.8659,
95.2368

■ 45.9524, 36.1883,
23.6654

■ 87.4146, 96.0638,
108.5427

■ 42.0034, 30.3786,
15.9107

■ 38.9173, 25.7775,
10.0386

■ 36.6288, 22.2993,
5.8884

■ 35.0631, 19.8471,
3.2723

■ 34.1295, 18.3070,
1.9530

■ 33.9296, 17.9739,
1.6810

Harmonies

Analogous

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



64.2906, 61.6068, 67.2669



63.5360, 61.6068, 59.5815



61.4369, 61.6068, 54.2992

Triad

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



63.5360, 61.6068, 59.5815



53.9040, 61.6068, 59.2821



58.4900, 61.6068, 84.2878

Complementary

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



63.5360, 61.6068, 59.5815



64.9751, 73.3897, 87.8326

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.



55.7655, 61.6068, 81.7221



63.5360, 61.6068, 59.5815



53.1718, 61.6068, 66.8921

Square

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



63.5360, 61.6068, 59.5815



55.8753, 61.6068, 54.1367



53.8422, 61.6068, 75.1812



61.3199, 61.6068, 81.9361

Rectangle

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



63.5360, 61.6068, 59.5815



59.5909, 61.6068, 52.6216



53.8422, 61.6068, 75.1812



57.5320, 61.6068, 83.9687

Sweetspot

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



63.5377, 61.6096, 59.5828



89.5228, 92.1221, 97.2644



67.0537, 61.5708, 82.5530



19.0013, 19.4892, 20.4819



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.



63.5377, 61.6096, 59.5828



74.9975, 71.3365, 66.9433



68.2587, 71.0517, 61.1565



15.1899, 15.3028, 15.6719



19.2937, 10.2817, 0.9677



1.5570, 0.8912, 0.0900

Inverse Universe

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



64.9751, 73.3897, 87.8326



77.0641, 88.2819, 107.5861



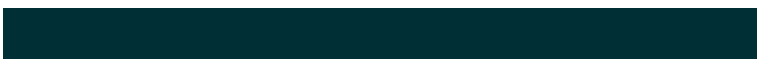
59.9049, 63.2493, 86.1426



15.3779, 16.8422, 19.3626



21.3474, 29.3419, 48.2814



1.7144, 2.3803, 3.8040

Previews

White Background



This preview shows how the XYZ color 63.5360, 61.6068, 59.5815 looks on a white background.

Color Contrast Check

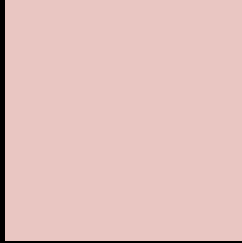
Large Text (above 18pt) WCAG AA × Fail

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 63.5360, 61.6068, 59.5815 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 63.5360, 61.6068, 59.5815

Background



This preview shows how black text looks on a background with the XYZ color 63.5360, 61.6068, 59.5815.

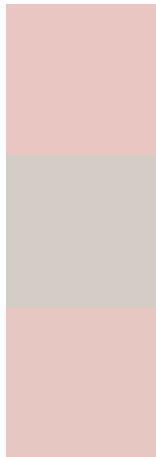


This preview shows how white text looks on a background with the XYZ color 63.5360, 61.6068,

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

63.5360, 61.6068, 59.5815

Protanopia

59.1757, 61.7369, 62.2236

Deuteranopia

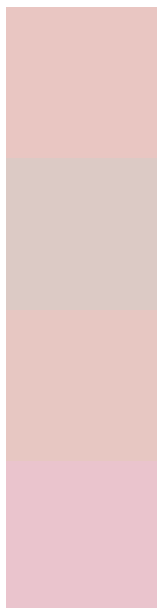
62.7942, 61.5649, 59.6125



Tritanopia

65.5339, 61.3955, 70.0245

Trichromacy



Original Color

63.5360, 61.6068, 59.5815

Protanomaly

60.7138, 61.4879, 61.4917

Deuteranomaly

63.1160, 61.7308, 59.6276

Tritanomaly

64.6911, 61.3801, 66.1956

Monochromacy



Original Color

63.5360, 61.6068, 59.5815

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.9876, 62.2492, 65.3008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5360, 61.6068, 59.5815 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(233, 198, 194)` looks like.

```
.text, #text, p{  
  color:rgb(233, 198, 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(233, 198, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 198, 194) }
```

Border

The CSS property to change the border of an element to XYZ 63.5360, 61.6068, 59.5815 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(233, 198, 194) }
```


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

```
.border{ border-color:rgb(233, 198, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 198, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 198, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 198, 194);  
box-shadow:4px 4px 4px 4px rgb(233, 198,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5360, 61.6068, 59.5815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 198, 194) }
```

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

```
.background{ background-color: rgb(233,  
198, 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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