

Converting Colors

XYZ(59.8647, 57.5806, 54.4133)

Have a look what the booklet for
XYZ(59.8647, 57.5806, 54.4133)
contains.

XYZ(59.8068, 57.4648, 54.3940)	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(59.8068, 57.4648,
54.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	E5BFBA
RGB	229, 191, 186
RGB Percent	90%, 75%, 73%
CMY	0.1020, 0.2510, 0.2706
CMYK	0.00, 0.17, 0.19, 0.10
HSL	7°, 45%, 81%
HSV	7°, 19%, 90%
XYZ	59.8068, 57.4648, 54.3940
YIQ	201.7920, 24.2530, 6.5010

Conversions

Conversions Part 2

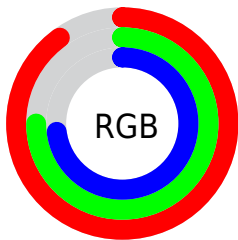
Format	Color
R _Y B	229, 192, 186
Decimal	15056826
CIE Lab	80.44, 12.77, 7.58
CIE LCh	80, 14.848, 30.708
Yxy	57.4648, 0.3484, 0.3347
Android (android.graphics.Color)	4293246906 (0xFFE5BFBA)
YUV	201.7920, -7.7855, 23.8614
Hunter-Lab	75.8055, 8.1679, 10.5205

Details

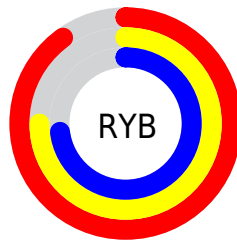
The XYZ color **59.8068, 57.4648, 54.3940** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.0476, 69.4057, 84.3082**, and the grayscale version is **56.0471, 58.9659, 64.2139**.

A 20% lighter version of the original color is **90.5278, 94.1923, 97.4140**, and **30.5557, 28.7546, 26.1300** is the 20% darker color. If you saturate the color by 10%, you get **53.4528, 48.3454, 41.2123**, and if you desaturate by 10%, it is **67.1638, 67.9648, 69.8362**.

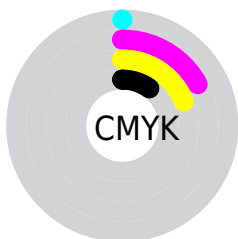
Distribution



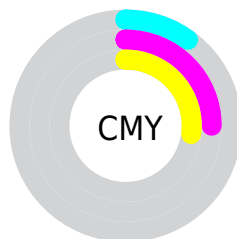
- Red (90%)
- Green (75%)
- Blue (73%)



- Red (90%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (19%)
- Black (10%)





- Cyan (10%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8068, 57.4648, 54.3940 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 59.8068, 57.4648, 54.3940 by changing the saturation by 10% instead.


 59.8068, 57.4648,
54.3940

 59.8068, 57.4648,
54.3940


413.7314,
415.1887, 420.8277

 43.5118, 41.3785,
38.5214


 103.6573,
101.1431, 98.1147

 30.4831, 28.6150,
26.0827

131.9435,
129.5039, 126.8000

 20.3555, 18.7898,
16.6592


164.9575,
162.7250, 160.5932

 12.7635, 11.5185,
9.8324

203.0646,
201.1907, 199.9129

 7.3417, 6.4167,
5.1838

246.6302,
245.2856, 245.1777

 3.7250, 3.1001,
2.2949

296.0196,

 1.5477, 1.1842,

295.3940, 296.8060

0.7284

351.5982,
351.9002, 355.2165

■ 0.3580, 0.0487,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8068, 57.4648,
54.3940

■ 59.8068, 57.4648,
54.3940

■ 53.4528, 48.3454,
41.2123

■ 67.1638, 67.9648,
69.8362

■ 48.0538, 40.5416,
30.1814

■ 75.5597, 79.8914,
87.6343

■ 43.5646, 33.9950,
21.1882

■ 85.0347, 93.2979,
107.8825

■ 39.9348, 28.6396,
14.1075

■ 86.1233, 95.3981,
108.4822

■ 37.1087, 24.4034,
8.8004

■ 35.0242, 21.2065,
5.1091

■ 33.6099, 18.9583,
2.8477

■ 32.7711, 17.5492,
1.7405

■ 32.6973, 17.4261,
1.6402

Harmonies

Analogous

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



60.6824, 57.4648, 62.3624



59.8068, 57.4648, 54.3940



57.5324, 57.4648, 49.0596

Triad

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



59.8068, 57.4648, 54.3940



49.6715, 57.4648, 54.7216



54.6910, 57.4648, 80.8712

Complementary

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



59.8068, 57.4648, 54.3940



61.0476, 69.4057, 84.3082

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.



51.8048, 57.4648, 78.3563



59.8068, 57.4648, 54.3940



48.9728, 57.4648, 62.7768

Square

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



59.8068, 57.4648, 54.3940



51.6839, 57.4648, 49.2360



49.7394, 57.4648, 71.5255



57.6623, 57.4648, 78.1158

Rectangle

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



59.8068, 57.4648, 54.3940



55.5690, 57.4648, 47.4423



49.7394, 57.4648, 71.5255



53.6790, 57.4648, 80.6121

Sweetspot

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



59.8084, 57.4674, 54.3952



88.5214, 90.7290, 95.0515



63.4222, 57.1964, 78.7175



18.8015, 19.2124, 20.0367



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.



59.8084, 57.4674, 54.3952



72.6412, 68.0564, 61.7413



64.6701, 67.1908, 56.0158



14.5114, 14.6367, 14.9648



18.7391, 10.0523, 0.9526



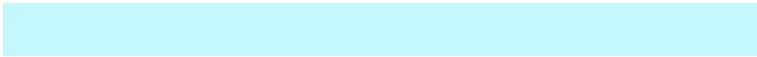
1.4297, 0.8327, 0.0854

Inverse Universe

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



61.0476, 69.4057, 84.3082



74.5271, 86.2447, 107.3266



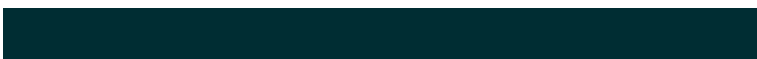
55.7964, 58.9033, 82.5578



14.6567, 16.0349, 18.4669



20.2663, 27.5948, 46.6413



1.5384, 2.1207, 3.4602

Previews

White Background



This preview shows how the XYZ color 59.8068, 57.4648, 54.3940 looks on a white background.

Color Contrast Check

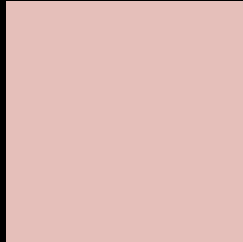
Large Text (above 18pt) WCAG AA × Fail

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 59.8068, 57.4648, 54.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

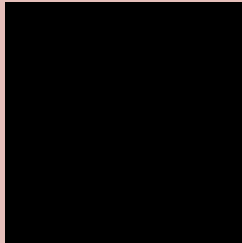
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8068, 57.4648, 54.3940

Background



This preview shows how black text looks on a background with the XYZ color 59.8068, 57.4648, 54.3940.

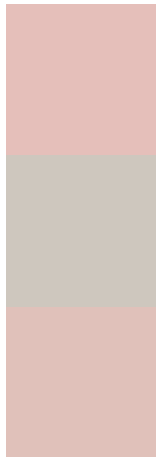


This preview shows how white text looks on a background with the XYZ color 59.8068, 57.4648,

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

59.8068, 57.4648, 54.3940

Protanopia

55.1713, 57.6864, 56.9419

Deuteranopia

58.6734, 57.5324, 54.4668



Tritanopia

61.7177, 57.2672, 64.3007

Trichromacy



Original Color

59.8068, 57.4648, 54.3940

Protanomaly

56.6568, 57.4501, 56.2470

Deuteranomaly

59.0766, 57.4132, 54.4226

Tritanomaly

60.9088, 57.2494, 60.6633

Monochromacy



Original Color

59.8068, 57.4648, 54.3940

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.3093, 58.3707, 60.4707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8068, 57.4648, 54.3940 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(229, 191, 186)` looks like.

```
.text, #text, p{  
    color:rgb(229, 191, 186)  
}
```

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(229, 191, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 191, 186) }
```

Border

The CSS property to change the border of an element to XYZ 59.8068, 57.4648, 54.3940 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(229, 191, 186) }
```


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

```
.border{ border-color:rgb(229, 191, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 191, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 191, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 191, 186);  
box-shadow:4px 4px 4px 4px rgb(229, 191,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8068, 57.4648, 54.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 191, 186) }
```

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

```
.background{ background-color: rgb(229,  
191, 186) }
```

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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