

Converting Colors

XYZ(59.9586, 57.4159, 60.1468)

Have a look what the booklet for
XYZ(59.9586, 57.4159, 60.1468)
contains.

XYZ(59.9586, 57.4159, 60.1468)	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(59.9586, 57.4159,
60.1468)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BFC4
RGB	226, 191, 196
RGB Percent	89%, 75%, 77%
CMY	0.1137, 0.2510, 0.2314
CMYK	0.00, 0.15, 0.13, 0.11
HSL	351°, 38%, 82%
HSV	351°, 15%, 89%
XYZ	59.9586, 57.4159, 60.1468
YIQ	202.0350, 19.2550, 8.9750

Conversions

Conversions Part 2

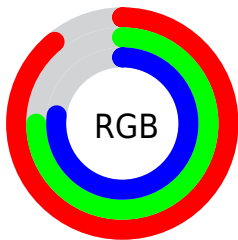
Format	Color
R _Y B	226, 191, 196
Decimal	14860228
CIE Lab	80.41, 13.25, 2.13
CIE LCh	80, 13.416, 9.123
Yxy	57.4159, 0.3378, 0.3234
Android (android.graphics.Color)	4293050308 (0xFFE2BFC4)
YUV	202.0350, -2.9753, 21.0173
Hunter-Lab	75.7733, 8.6419, 5.9785

Details

The XYZ color **59.9586, 57.4159, 60.1468** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.7356, 70.6909, 78.8008**, and the grayscale version is **56.1718, 59.0971, 64.3567**.

A 20% lighter version of the original color is **92.2304, 94.8734, 106.3798**, and **30.5485, 28.6760, 29.5161** is the 20% darker color. If you saturate the color by 10%, you get **53.3406, 47.4836, 47.7546**, and if you desaturate by 10%, it is **67.6251, 68.9882, 74.2948**.

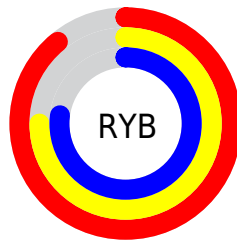
Distribution



Red (89%)

Green (75%)

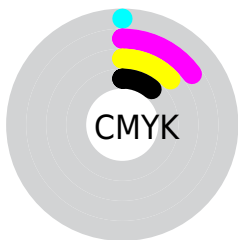
Blue (77%)



Red (89%)

Yellow (75%)

Blue (77%)

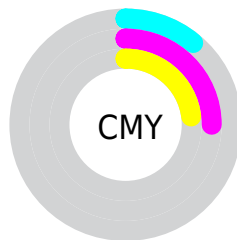


Cyan (0%)

Magenta (15%)

Yellow (13%)

Black (11%)



Cyan (11%)

Magenta (25%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9586, 57.4159, 60.1468 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 59.9586, 57.4159, 60.1468 by changing the saturation by 10% instead.


 59.9586, 57.4159,
60.1468

 59.9586, 57.4159,
60.1468


414.2823,
415.0059, 442.9583

 43.6346, 41.3392,
43.1109

 103.8763,
101.0718, 106.5880

 30.5800, 28.5843,
29.6401

132.2007,
129.4198, 136.8305

 20.4295, 18.7665,
19.3158


165.2560,
162.6271, 172.3122

 12.8177, 11.5017,
11.7196

203.4074,
201.0780, 213.4516

 7.3793, 6.4054,
6.4328

247.0204,
245.1569, 260.6674

 3.7488, 3.0931,
3.0370

296.4603,

 1.5610, 1.1805,

295.2483, 314.3781

1.1136

352.0925,
351.7365, 375.0022

■ 0.3668, 0.0457,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9586, 57.4159,
60.1468

■ 59.9586, 57.4159,
60.1468

■ 53.3406, 47.4836,
47.7546

■ 67.6251, 68.9882,
74.2948

■ 47.7207, 39.1097,
37.0459

■ 76.3781, 82.2619,
90.2597

■ 43.0515, 32.2173,
27.9488

■ 85.0333, 94.8525,
107.6955

■ 39.2799, 26.7198,
20.3849

■ 85.1742, 94.9089,
108.4378

■ 36.3475, 22.5218,
14.2691

■ 34.1888, 19.5155,
9.5077

■ 32.7285, 17.5761,
5.9961

■ 31.8754, 16.5506,
3.6134

■ 31.6285, 16.2746,
2.8596

Harmonies

Analogous

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



59.6608, 57.4159, 68.0669



59.9586, 57.4159, 60.1468



58.7759, 57.4159, 53.4433

Triad

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



59.9586, 57.4159, 60.1468



51.3046, 57.4159, 51.4932



52.7102, 57.4159, 77.7523

Complementary

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



59.9586, 57.4159, 60.1468



61.7356, 70.6909, 78.8008

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.



50.5736, 57.4159, 72.5618



59.9586, 57.4159, 60.1468



49.7813, 57.4159, 57.2757

Square

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



59.9586, 57.4159, 60.1468



53.7384, 57.4159, 48.7303



49.5183, 57.4159, 64.9469



55.4144, 57.4159, 78.6838

Rectangle

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



59.9586, 57.4159, 60.1468



57.3297, 57.4159, 50.4040



49.5183, 57.4159, 64.9469



51.9044, 57.4159, 76.4281

Sweetspot

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



59.9602, 57.4185, 60.1480



89.4064, 91.4491, 98.5830



62.1027, 58.0882, 79.8909



18.9731, 19.3265, 20.8009



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.



59.9602, 57.4185, 60.1480



75.5135, 70.4957, 72.8888



62.1847, 62.7625, 58.1303



13.7865, 13.7323, 14.6461



18.0699, 9.2950, 1.7681



1.2781, 0.6545, 0.2576

Inverse Universe

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



59.9602, 57.4185, 60.1480



75.5135, 70.4957, 72.8888



59.1987, 64.5360, 81.2885



13.7865, 13.7323, 14.6461



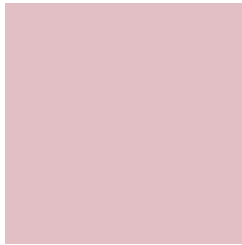
18.0699, 9.2950, 1.7681



1.2781, 0.6545, 0.2576

Previews

White Background



This preview shows how the XYZ color 59.9586, 57.4159, 60.1468 looks on a white background.

Color Contrast Check

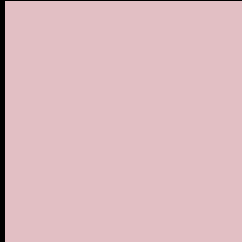
Large Text (above 18pt) WCAG AA × Fail

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 59.9586, 57.4159, 60.1468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

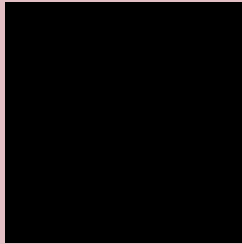
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9586, 57.4159, 60.1468

Background



This preview shows how black text looks on a background with the XYZ color 59.9586, 57.4159, 60.1468.



This preview shows how white text looks on a background with the XYZ color 59.9586, 57.4159,

60.1468.

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

59.9586, 57.4159, 60.1468

Protanopia

55.4774, 57.7135, 62.8594

Deuteranopia

58.5490, 57.3411, 60.2066



Tritanopia

60.9911, 57.5174, 65.0141

Trichromacy



Original Color

59.9586, 57.4159, 60.1468

Protanomaly

56.9127, 57.4523, 62.1226

Deuteranomaly

58.9376, 57.2144, 60.1617

Tritanomaly

60.6346, 57.3749, 63.1370

Monochromacy



Original Color

59.9586, 57.4159, 60.1468

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.4834, 58.4072, 62.8876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9586, 57.4159, 60.1468 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(226, 191, 196) looks like.

```
.text, #text, p{  
    color:rgb(226, 191, 196)  
}
```

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(226, 191, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 191, 196) }
```

Border

The CSS property to change the border of an element to XYZ 59.9586, 57.4159, 60.1468 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(226, 191, 196) }
```


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

```
.border{ border-color:rgb(226, 191, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 191, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 191, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 191, 196);  
box-shadow:4px 4px 4px 4px rgb(226, 191,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9586, 57.4159, 60.1468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 191, 196) }
```

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

```
.background{ background-color: rgb(226,  
191, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor