

Converting Colors

XYZ(59.5231, 56.3669, 55.7887)

Have a look what the booklet for
XYZ(59.5231, 56.3669, 55.7887)
contains.

XYZ(59.4816, 56.2986, 55.8758)	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(59.4816, 56.2986,
55.8758)**

Conversions

Conversions Part 1

Format	Color
Hex	E5BCBD
RGB	229, 188, 189
RGB Percent	90%, 74%, 74%
CMY	0.1020, 0.2627, 0.2588
CMYK	0.00, 0.18, 0.17, 0.10
HSL	359°, 44%, 82%
HSV	359°, 18%, 90%
XYZ	59.4816, 56.2986, 55.8758
YIQ	200.3730, 24.1150, 9.0030

Conversions

Conversions Part 2

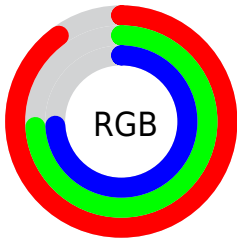
Format	Color
R _Y B	229, 188, 189
Decimal	15056061
CIE Lab	79.78, 14.82, 5.02
CIE LCh	80, 15.647, 18.720
Yxy	56.2986, 0.3465, 0.3280
Android (android.graphics.Color)	4293246141 (0xFFE5BCBD)
YUV	200.3730, -5.6069, 25.1059
Hunter-Lab	75.0324, 10.1984, 8.3701

Details

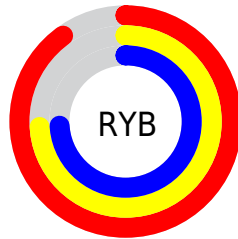
The XYZ color **59.4816, 56.2986, 55.8758** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.7642, 72.3327, 84.0559**, and the grayscale version is **55.1540, 58.0263, 63.1907**.

A 20% lighter version of the original color is **90.0721, 92.5539, 99.5036**, and **30.3415, 27.9898, 27.0959** is the 20% darker color. If you saturate the color by 10%, you get **52.7309, 46.3839, 42.5672**, and if you desaturate by 10%, it is **67.3853, 67.9203, 71.4135**.

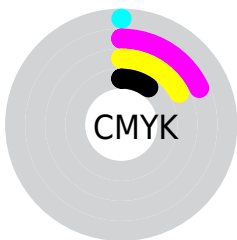
Distribution



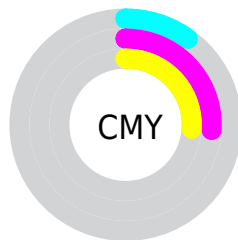
- Red (90%)
- Green (74%)
- Blue (74%)



- Red (90%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (18%)
- Yellow (17%)
- Black (10%)





- Cyan (10%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4816, 56.2986, 55.8758 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 59.4816, 56.2986, 55.8758 by changing the saturation by 10% instead.


 59.4816, 56.2986,
55.8758

 59.4816, 56.2986,
55.8758


412.5497,
410.8158, 426.5984

 43.2488, 40.4424,
39.7000


 103.1879, 99.4410,
100.3069

 30.2757, 27.8836,
26.9927


131.3921,
127.4960, 129.3994

 20.1971, 18.2380,
17.3354


164.3176,
160.3861, 163.6345

 12.6475, 11.1210,
10.3094

202.3295,
198.4956, 203.4307

 7.2616, 6.1483,
5.4963

245.7933,
242.2089, 249.2067

 3.6740, 2.9354,
2.4775

295.0744,

 1.5194, 1.0981,

291.9104, 301.3810

0.8282

350.5381,
347.9846, 360.3720

0.3390, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

59.4816, 56.2986,
55.8758

59.4816, 56.2986,
55.8758

52.7309, 46.3839,
42.5672

67.3853, 67.9203,
71.4135

47.0749, 38.0886,
31.3821

76.4875, 81.3159,
89.2721

42.4575, 31.3290,
22.2119

86.1233, 95.3981,
108.4822

38.8154, 26.0109,
14.9367

■ 36.0787, 22.0297,
9.4241

■ 34.1680, 19.2667,
5.5246

■ 32.9904, 17.5822,
3.0641

■ 32.4216, 16.7849,
1.8253

■ 32.3437, 16.6703,
1.6727

Harmonies

Analogous

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



59.7011, 56.2986, 64.7714



59.4816, 56.2986, 55.8758



57.6252, 56.2986, 49.1157

Triad

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



59.4816, 56.2986, 55.8758



49.0670, 56.2986, 50.5078



52.3289, 56.2986, 80.0241

Complementary

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



59.4816, 56.2986, 55.8758



62.7642, 72.3327, 84.0559

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.



49.5958, 56.2986, 75.3482



59.4816, 56.2986, 55.8758



47.7627, 56.2986, 57.9541

Square

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



59.4816, 56.2986, 55.8758



51.5812, 56.2986, 46.2338



47.9523, 56.2986, 67.0635



55.4866, 56.2986, 79.3272

Rectangle

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



59.4816, 56.2986, 55.8758



55.7487, 56.2986, 46.4547



47.9523, 56.2986, 67.0635



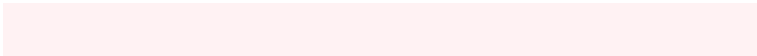
51.3323, 56.2986, 79.0114

Sweetspot

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



59.4832, 56.3011, 55.8770



89.1778, 91.3577, 97.3794



64.0063, 58.0602, 81.9624



18.9178, 19.3043, 20.5097



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.



59.4832, 56.3011, 55.8770



72.9815, 67.5433, 65.5348



63.7369, 64.9811, 56.7635



14.3911, 14.3736, 14.9941



18.4988, 9.5337, 0.9897



1.3720, 0.7065, 0.0996

Inverse Universe

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



59.4832, 56.3011, 55.8770



72.9815, 67.5433, 65.5348



57.8978, 62.3781, 83.1178



14.3911, 14.3736, 14.9941



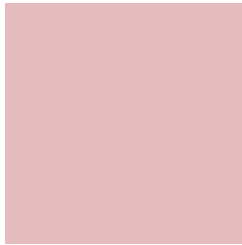
18.4988, 9.5337, 0.9897



1.3720, 0.7065, 0.0996

Previews

White Background



This preview shows how the XYZ color 59.4816, 56.2986, 55.8758 looks on a white background.

Color Contrast Check

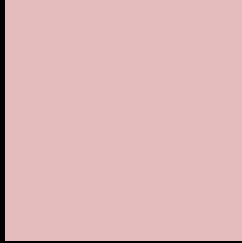
Large Text (above 18pt) WCAG AA × Fail

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 59.4816, 56.2986, 55.8758 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 59.4816, 56.2986, 55.8758

Background



This preview shows how black text looks on a background with the XYZ color 59.4816, 56.2986, 55.8758.



This preview shows how white text looks on a background with the XYZ color 59.4816, 56.2986,

55.8758.

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

59.4816, 56.2986, 55.8758

Protanopia

54.0610, 56.3841, 59.0728

Deuteranopia

57.5267, 56.2646, 55.4051



Tritanopia

60.7346, 56.1579, 62.8968

Trichromacy



Original Color

59.4816, 56.2986, 55.8758

Protanomaly

55.9576, 56.3864, 57.8036

Deuteranomaly

58.2310, 56.3050, 55.3758

Tritanomaly

60.4815, 56.3949, 60.5209

Monochromacy



Original Color

59.4816, 56.2986, 55.8758

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.5677, 57.3143, 60.3059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4816, 56.2986, 55.8758 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, 188, 189)` looks like.

```
.text, #text, p{  
    color:rgb(229, 188, 189)  
}
```

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, 188, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 188, 189) }
```

Border

The CSS property to change the border of an element to XYZ 59.4816, 56.2986, 55.8758 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, 188, 189) }
```


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

```
.border{ border-color:rgb(229, 188, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 188, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 188, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 188, 189); box-shadow:4px 4px 4px 4px rgb(229, 188, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4816, 56.2986, 55.8758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 188, 189) }
```

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

```
.background{ background-color: rgb(229,  
188, 189) }
```

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