

Converting Colors

XYZ(58.3590, 55.4614, 49.8236)

Have a look what the booklet for
XYZ(58.3590, 55.4614, 49.8236)
contains.

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Color

**XYZ(58.4393, 55.5780,
49.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BBB2
RGB	230, 187, 178
RGB Percent	90%, 73%, 70%
CMY	0.0980, 0.2666, 0.3020
CMYK	0.00, 0.19, 0.23, 0.10
HSL	10°, 51%, 80%
HSV	10°, 23%, 90%
XYZ	58.4393, 55.5780, 49.7670
YIQ	198.8310, 28.5170, 6.3170

Conversions

Conversions Part 2

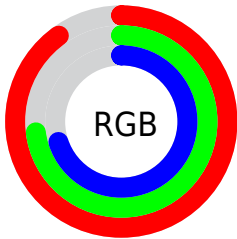
Format	Color
R _Y B	230, 189, 178
Decimal	15121330
CIE Lab	79.37, 14.08, 10.38
CIE LCh	79, 17.487, 36.396
Yxy	55.5780, 0.3568, 0.3393
Android (android.graphics.Color)	4293311410 (0xFFE6BBB2)
YUV	198.8310, -10.2697, 27.3352
Hunter-Lab	74.5507, 9.4602, 12.6059

Details

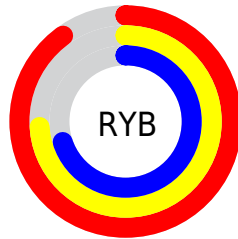
The XYZ color **58.4393, 55.5780, 49.7670** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.4988, 66.8891, 84.6908**, and the grayscale version is **54.2326, 57.0569, 62.1350**.

A 20% lighter version of the original color is **88.1419, 91.3017, 90.8193**, and **29.6823, 27.5295, 23.1513** is the 20% darker color. If you saturate the color by 10%, you get **52.5503, 47.1907, 37.3499**, and if you desaturate by 10%, it is **65.2529, 65.1938, 64.4037**.

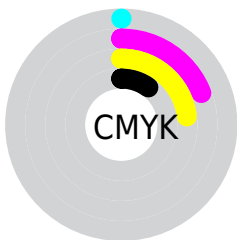
Distribution



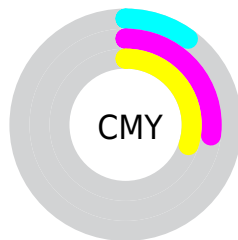
- Red (90%)
- Green (73%)
- Blue (70%)



- Red (90%)
- Yellow (74%)
- Blue (70%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (10%)





- Cyan (10%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4393, 55.5780, 49.7670 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 58.4393, 55.5780, 49.7670 by changing the saturation by 10% instead.


 58.4393, 55.5780,
49.7670

 58.4393, 55.5780,
49.7670


408.7484,
408.0992, 402.4630

 42.4066, 39.8647,
34.8584


 101.6816, 98.3873,
91.2223

 29.6123, 27.4331,
23.2712


129.6219,
126.2521, 118.6061

 19.6911, 17.8987,
14.5867


162.2620,
158.9361, 150.9854

 12.2776, 10.8773,
8.3864

199.9674,
196.8238, 188.7787

 7.0066, 5.9844,
4.2519

243.1034,
240.2996, 232.4046

 3.5126, 2.8356,
1.7645

292.0353,

 1.4303, 1.0465,

289.7478, 282.2816

0.4044

347.1285,
345.5529, 338.8282

■ 0.2776, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4393, 55.5780,
49.7670

■ 58.4393, 55.5780,
49.7670

■ 52.5503, 47.1907,
37.3499

■ 65.2529, 65.1938,
64.4037

■ 47.5411, 39.9748,
27.0405

■ 73.0241, 76.0771,
81.3576

■ 43.3701, 33.8802,
18.7220

■ 81.7899, 88.2745,
100.7248

■ 39.9905, 28.8500,
12.2652

■ 86.4432, 95.5631,
108.4972

■ 37.3507, 24.8223,
7.5254

■ 35.3924, 21.7285,
4.3362

■ 34.0482, 19.4912,
2.4980

■ 33.3862, 18.3291,
1.7782

Harmonies

Analogous

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



59.8116, 55.5780, 58.3896



58.4393, 55.5780, 49.7670



55.5707, 55.5780, 44.4920

Triad

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



58.4393, 55.5780, 49.7670



46.8857, 55.5780, 53.1092



53.5798, 55.5780, 81.8000

Complementary

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



58.4393, 55.5780, 49.7670



58.4988, 66.8891, 84.6908

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.



50.1717, 55.5780, 79.9859



58.4393, 55.5780, 49.7670



46.4052, 55.5780, 62.6914

Square

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



58.4393, 55.5780, 49.7670



48.9254, 55.5780, 46.2671



47.5827, 55.5780, 72.7087



56.9270, 55.5780, 77.4233

Rectangle

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



58.4393, 55.5780, 49.7670



53.2501, 55.5780, 43.2196



47.5827, 55.5780, 72.7087



52.4026, 55.5780, 81.9003

Sweetspot

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



58.4408, 55.5805, 49.7682



87.7791, 89.8454, 92.9511



61.6496, 53.9027, 75.7950



18.6603, 19.0514, 19.6160



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.



58.4408, 55.5805, 49.7682



70.3295, 65.2328, 55.4225



64.3799, 67.4588, 51.7479



14.5777, 14.7693, 14.9869



18.9627, 10.4995, 1.0272



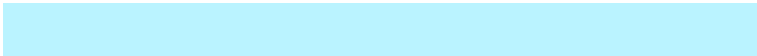
1.4611, 0.8955, 0.0958

Inverse Universe

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



58.4988, 66.8891, 84.6908



70.4100, 81.8256, 106.6907



52.2335, 54.3585, 82.6024



14.5840, 15.8893, 18.4426



18.6119, 24.2859, 46.0899



1.4315, 1.9069, 3.4246

Previews

White Background



This preview shows how the XYZ color 58.4393, 55.5780, 49.7670 looks on a white background.

Color Contrast Check

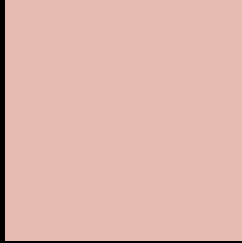
Large Text (above 18pt) WCAG AA × Fail

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 58.4393, 55.5780, 49.7670 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 58.4393, 55.5780, 49.7670

Background



This preview shows how black text looks on a background with the XYZ color 58.4393, 55.5780, 49.7670.



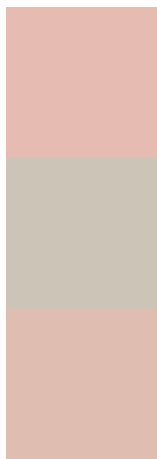
This preview shows how white text looks on a background with the XYZ color 58.4393, 55.5780,

49.7670.

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

58.4393, 55.5780, 49.7670

Protanopia

53.1890, 55.7361, 52.7545

Deuteranopia

56.7807, 55.6892, 49.3514



Tritanopia

60.6122, 55.5140, 60.9467

Trichromacy



Original Color

58.4393, 55.5780, 49.7670

Protanomaly

54.8510, 55.6223, 51.5613

Deuteranomaly

57.4974, 55.7383, 49.3231

Tritanomaly

59.7079, 55.4484, 56.8459

Monochromacy



Original Color

58.4393, 55.5780, 49.7670

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.4974, 56.4934, 57.2695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4393, 55.5780, 49.7670 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(230, 187, 178)` looks like.

```
.text, #text, p{  
    color:rgb(230, 187, 178)  
}
```

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(230, 187, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 187, 178) }
```

Border

The CSS property to change the border of an element to XYZ 58.4393, 55.5780, 49.7670 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(230, 187, 178) }
```


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

```
.border{ border-color:rgb(230, 187, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 187, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 187, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 187, 178);  
box-shadow:4px 4px 4px 4px rgb(230, 187,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4393, 55.5780, 49.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 187, 178) }
```

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

```
.background{ background-color: rgb(230,  
187, 178) }
```

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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