

Converting Colors

XYZ(59.6778, 58.6565, 51.3180)

Have a look what the booklet for
XYZ(59.6778, 58.6565, 51.3180)
contains.

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Color

**XYZ(59.7482, 58.8195,
51.3842)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C3B4
RGB	228, 195, 180
RGB Percent	89%, 76%, 71%
CMY	0.1059, 0.2353, 0.2941
CMYK	0.00, 0.14, 0.21, 0.11
HSL	19°, 47%, 80%
HSV	19°, 21%, 89%
XYZ	59.7482, 58.8195, 51.3842
YIQ	203.1570, 24.4830, 2.3310

Conversions

Conversions Part 2

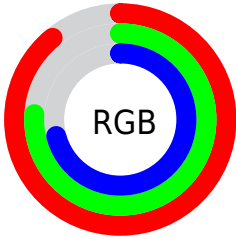
Format	Color
R _Y B	228, 202, 180
Decimal	14992308
CIE Lab	81.19, 9.38, 11.86
CIE LCh	81, 15.125, 51.649
Yxy	58.8195, 0.3516, 0.3461
Android (android.graphics.Color)	4293182388 (0xFFE4C3B4)
YUV	203.1570, -11.4164, 21.7873
Hunter-Lab	76.6939, 4.8458, 13.9619

Details

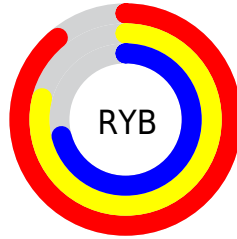
The XYZ color **59.7482, 58.8195, 51.3842** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.6196, 62.8914, 82.5542**, and the grayscale version is **56.9234, 59.8878, 65.2178**.

A 20% lighter version of the original color is **91.1907, 96.9369, 93.2613**, and **30.3689, 29.3527, 24.1437** is the 20% darker color. If you saturate the color by 10%, you get **54.2849, 51.3091, 39.0310**, and if you desaturate by 10%, it is **65.9654, 67.2253, 65.8750**.

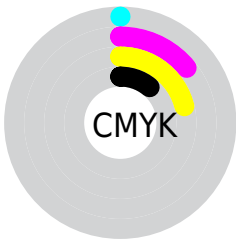
Distribution



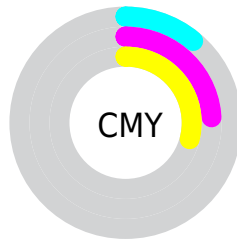
- Red (89%)
- Green (76%)
- Blue (71%)



- Red (89%)
- Yellow (79%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7482, 58.8195, 51.3842 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 59.7482, 58.8195, 51.3842 by changing the saturation by 10% instead.


 59.7482, 58.8195,
51.3842

 59.7482, 58.8195,
51.3842


413.5187,
420.2327, 408.9437

 43.4644, 42.4678,
36.1356


 103.5727,
103.1153, 93.6397

 30.4458, 29.4678,
24.2484


131.8442,
131.8282, 121.4838

 20.3269, 19.4350,
15.3041

164.8422,
165.4303, 154.3634

 12.7426, 11.9850,
8.8841

202.9322,
204.3060, 192.6971

 7.3273, 6.7335,
4.5699

246.4795,
248.8397, 236.9034

 3.7158, 3.2960,
1.9429


295.8494,

 1.5426, 1.2881,


299.4158, 287.4010


0.5198


351.4073,
356.4186, 344.6082


 0.3546, 0.1320,
0.0000


 0.0000, 0.0000,
0.0000


 59.7482, 58.8195,
51.3842


 59.7482, 58.8195,
51.3842

 54.2849, 51.3091,
39.0310


 65.9654, 67.2253,
65.8750


 49.5409, 44.6559,
28.7097

 72.9599, 76.5472,
82.5948

 45.4854, 38.8308,
20.3109

 80.7600, 86.8150,
101.6344

 42.0838, 33.7999,
13.7135

 85.8050, 95.2340,
108.4673

■ 39.2980, 29.5266,
8.7824

■ 37.0854, 25.9712,
5.3632

■ 35.3967, 23.0897,
3.2718

■ 34.2656, 21.0352,
2.2542

Harmonies

Analogous

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



61.7254, 58.8195, 57.8572



59.7482, 58.8195, 51.3842



56.7902, 58.8195, 48.3728

Triad

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



59.7482, 58.8195, 51.3842



50.1264, 58.8195, 61.5586



58.1700, 58.8195, 81.5535

Complementary

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



59.7482, 58.8195, 51.3842



56.6196, 62.8914, 82.5542

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.



55.0313, 58.8195, 82.7807



59.7482, 58.8195, 51.3842



50.4647, 58.8195, 70.6578

Square

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



59.7482, 58.8195, 51.3842



51.2906, 58.8195, 53.8754



52.2325, 58.8195, 78.6301



60.7907, 58.8195, 75.4188

Rectangle

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



59.7482, 58.8195, 51.3842



54.6924, 58.8195, 48.5167



52.2325, 58.8195, 78.6301



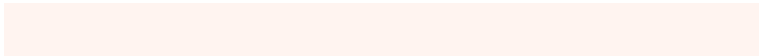
57.1378, 58.8195, 82.5752

Sweetspot

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



59.7498, 58.8222, 51.3854



89.4198, 92.5257, 95.3509



60.4032, 53.9718, 70.5853



19.0132, 19.6358, 20.1072



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.



59.7498, 58.8222, 51.3854



74.0100, 71.7096, 59.3752



65.4088, 70.1402, 53.2718



14.7427, 15.0994, 15.0419



19.8795, 12.3331, 1.3328



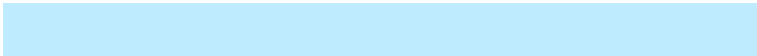
1.5497, 1.0727, 0.1254

Inverse Universe

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



56.6196, 62.8914, 82.5542



69.3277, 77.7867, 105.9681



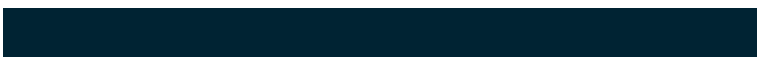
51.1536, 51.9593, 80.7321



14.4075, 15.5364, 18.3838



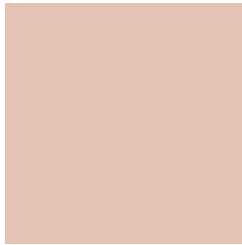
15.1322, 17.3264, 44.9300



1.2003, 1.4445, 3.3475

Previews

White Background



This preview shows how the XYZ color 59.7482, 58.8195, 51.3842 looks on a white background.

Color Contrast Check

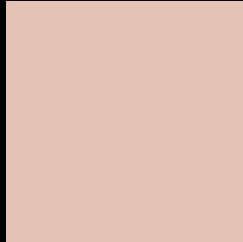
Large Text (above 18pt) WCAG AA × Fail

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 59.7482, 58.8195, 51.3842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

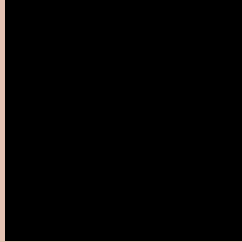
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7482, 58.8195, 51.3842

Background



This preview shows how black text looks on a background with the XYZ color 59.7482, 58.8195, 51.3842.



This preview shows how white text looks on a background with the XYZ color 59.7482, 58.8195,

51.3842.

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

59.7482, 58.8195, 51.3842

Protanopia

56.0122, 58.8938, 53.2152

Deuteranopia

60.0664, 58.9835, 51.3991



Tritanopia

62.7264, 58.7068, 66.4180

Trichromacy



Original Color

59.7482, 58.8195, 51.3842

Protanomaly

57.4822, 58.9760, 52.6098

Deuteranomaly

60.0664, 58.9835, 51.3991

Tritanomaly

61.5608, 58.5535, 60.8807

Monochromacy



Original Color

59.7482, 58.8195, 51.3842

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.6560, 59.2457, 60.0265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7482, 58.8195, 51.3842 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(228, 195, 180)` looks like.

```
.text, #text, p{  
    color:rgb(228, 195, 180)  
}
```

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(228, 195, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 195, 180) }
```

Border

The CSS property to change the border of an element to XYZ 59.7482, 58.8195, 51.3842 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(228, 195, 180) }
```


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

```
.border{ border-color:rgb(228, 195, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 195, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 195, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 195, 180);  
box-shadow:4px 4px 4px 4px rgb(228, 195,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7482, 58.8195, 51.3842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 195, 180) }
```

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

```
.background{ background-color: rgb(228,  
195, 180) }
```

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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