

Converting Colors

XYZ(58.9590, 59.4875, 55.9531)

Have a look what the booklet for
XYZ(58.9590, 59.4875, 55.9531)
contains.

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Color

**XYZ(58.7864, 59.2347,
55.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC6BC
RGB	220, 198, 188
RGB Percent	86%, 78%, 74%
CMY	0.1373, 0.2235, 0.2627
CMYK	0.00, 0.10, 0.15, 0.14
HSL	19°, 31%, 80%
HSV	19°, 15%, 86%
XYZ	58.7864, 59.2347, 55.9120
YIQ	203.4380, 16.3220, 1.5540

Conversions

Conversions Part 2

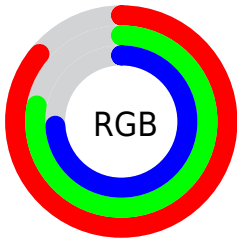
Format	Color
R _Y B	220, 203, 188
Decimal	14468796
CIE Lab	81.42, 6.09, 7.81
CIE LCh	81, 9.904, 52.049
Yxy	59.2347, 0.3380, 0.3406
Android (android.graphics.Color)	4292658876 (0xFFDCC6BC)
YUV	203.4380, -7.6109, 14.5249
Hunter-Lab	76.9641, 1.6540, 10.8025

Details

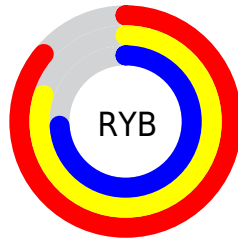
The XYZ color **58.7864, 59.2347, 55.9120** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7035, 61.9505, 76.6797**, and the grayscale version is **57.0807, 60.0533, 65.3981**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **29.8635, 29.6951, 27.0794** is the 20% darker color. If you saturate the color by 10%, you get **53.3079, 51.7879, 43.2635**, and if you desaturate by 10%, it is **64.9748, 67.5217, 70.5822**.

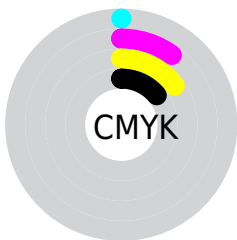
Distribution



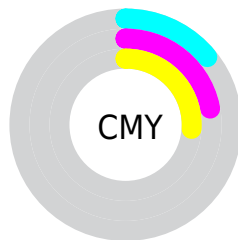
- Red (86%)
- Green (78%)
- Blue (74%)



- Red (86%)
- Yellow (80%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (14%)





- Cyan (14%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7864, 59.2347, 55.9120 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 58.7864, 59.2347, 55.9120 by changing the saturation by 10% instead.


 58.7864, 59.2347,
55.9120

 58.7864, 59.2347,
55.9120


410.0167,
421.7711, 426.7388

 42.6869, 42.8021,
39.7289


 102.1836,
103.7187, 100.3604

 29.8330, 29.7299,
27.0150


130.2119,
132.5389, 129.4628

 19.8593, 19.6336,
17.3520


162.9473,
166.2570, 163.7086

 12.4005, 12.1290,
10.3211

200.7550,
205.2575, 203.5164

 7.0912, 6.8316,
5.5040

244.0005,
249.9248, 249.3048

 3.5660, 3.3570,
2.4821

293.0490,

 1.4597, 1.3208,

300.6432, 301.4923

0.8306

348.2660,
357.7972, 360.4974

■ 0.2981, 0.1573,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7864, 59.2347,
55.9120

■ 58.7864, 59.2347,
55.9120

■ 53.3079, 51.7879,
43.2635

■ 64.9748, 67.5217,
70.5822

■ 48.5082, 45.1466,
32.5436

■ 71.8933, 76.6664,
87.3540

■ 44.3606, 39.2854,
23.6575

■ 79.5671, 86.6956,
106.3076

■ 40.8351, 34.1745,
16.5010

■ 83.3254, 93.9558,
108.3513

■ 37.8987, 29.7821,
10.9590

■ 35.5154, 26.0736,
6.9024

■ 33.6444, 23.0117,
4.1819

■ 32.2377, 20.5540,
2.6161

■ 31.6300, 19.4449,
2.0862

Harmonies

Analogous

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



60.0744, 59.2347, 60.3077



58.7864, 59.2347, 55.9120



56.8536, 59.2347, 53.8443

Triad

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



58.7864, 59.2347, 55.9120



52.4469, 59.2347, 62.9312



57.8095, 59.2347, 75.6594

Complementary

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



58.7864, 59.2347, 55.9120



56.7035, 61.9505, 76.6797

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.



55.7516, 59.2347, 76.4684



58.7864, 59.2347, 55.9120



52.6886, 59.2347, 68.8749

Square

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



58.7864, 59.2347, 55.9120



53.2176, 59.2347, 57.7316



53.8863, 59.2347, 73.9176



59.5008, 59.2347, 71.7703

Rectangle

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



58.7864, 59.2347, 55.9120



55.4733, 59.2347, 53.9700



53.8863, 59.2347, 73.9176



57.1365, 59.2347, 76.3098

Sweetspot

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



58.7880, 59.2373, 55.9133



91.2549, 94.9683, 99.7473



59.1818, 55.8560, 68.8971



19.3835, 20.1293, 20.9931



0.0000, 0.0000, 0.0000



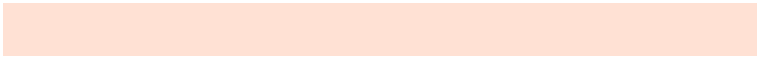
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.7880, 59.2373, 55.9133



80.0596, 79.9559, 73.2696



62.5384, 66.7380, 57.1634



13.3865, 13.7124, 13.6668



18.6512, 11.5879, 1.2537



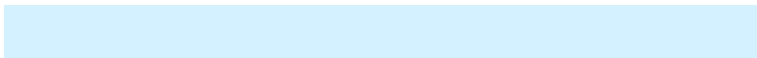
1.2840, 0.9021, 0.1064

Inverse Universe

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



56.7035, 61.9505, 76.6797



76.6885, 84.3409, 106.8452



53.0390, 54.6213, 75.4582



13.0836, 14.1070, 16.6855



14.2010, 16.2714, 42.1306



0.9957, 1.2054, 2.7546

Previews

White Background



This preview shows how the XYZ color 58.7864, 59.2347, 55.9120 looks on a white background.

Color Contrast Check

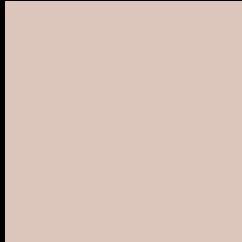
Large Text (above 18pt) WCAG AA × Fail

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 58.7864, 59.2347, 55.9120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

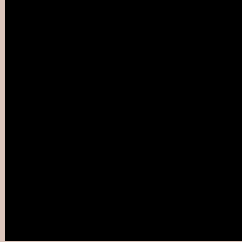
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7864, 59.2347, 55.9120

Background



This preview shows how black text looks on a background with the XYZ color 58.7864, 59.2347, 55.9120.



This preview shows how white text looks on a background with the XYZ color 58.7864, 59.2347,

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

58.7864, 59.2347, 55.9120

Protanopia

56.7093, 59.5141, 57.2137

Deuteranopia

60.3790, 59.0352, 56.3567



Tritanopia

61.5794, 59.3713, 69.1870

Trichromacy



Original Color

58.7864, 59.2347, 55.9120

Protanomaly

57.5125, 59.5935, 56.6156

Deuteranomaly

59.6657, 59.0013, 56.3878

Tritanomaly

60.5248, 59.2737, 64.1281

Monochromacy



Original Color

58.7864, 59.2347, 55.9120

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3742, 59.4058, 61.8686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7864, 59.2347, 55.9120 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(220, 198, 188)` looks like.

```
.text, #text, p{  
    color:rgb(220, 198, 188)  
}
```

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(220, 198, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 198, 188) }
```

Border

The CSS property to change the border of an element to XYZ 58.7864, 59.2347, 55.9120 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(220, 198, 188) }
```


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

```
.border{ border-color:rgb(220, 198, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 198, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 198, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 198, 188);  
box-shadow:4px 4px 4px 4px rgb(220, 198,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7864, 59.2347, 55.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 198, 188) }
```

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

```
.background{ background-color: rgb(220,  
198, 188) }
```

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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