

Converting Colors

XYZ(58.4497, 59.0076, 55.8865)

Have a look what the booklet for
XYZ(58.4497, 59.0076, 55.8865)
contains.

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Color

**XYZ(58.4846, 59.0791,
55.8979)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC6BC
RGB	219, 198, 188
RGB Percent	86%, 78%, 74%
CMY	0.1412, 0.2235, 0.2627
CMYK	0.00, 0.10, 0.14, 0.14
HSL	19°, 30%, 80%
HSV	19°, 14%, 86%
XYZ	58.4846, 59.0791, 55.8979
YIQ	203.1390, 15.7260, 1.3420

Conversions

Conversions Part 2

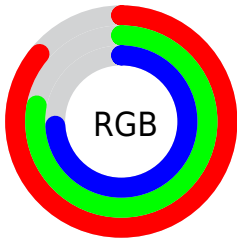
Format	Color
R _Y B	219, 203, 188
Decimal	14403260
CIE Lab	81.34, 5.73, 7.68
CIE LCh	81, 9.578, 53.266
Yxy	59.0791, 0.3372, 0.3406
Android (android.graphics.Color)	4292593340 (0xFFDBC6BC)
YUV	203.1390, -7.4635, 13.9101
Hunter-Lab	76.8629, 1.3096, 10.6859

Details

The XYZ color **58.4846, 59.0791, 55.8979** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3254, 61.4054, 75.9021**, and the grayscale version is **56.8919, 59.8547, 65.1818**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **29.6563, 29.5883, 27.0697** is the 20% darker color. If you saturate the color by 10%, you get **53.0750, 51.7554, 43.3176**, and if you desaturate by 10%, it is **64.5878, 67.2155, 70.4782**.

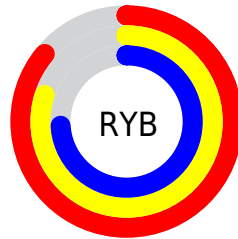
Distribution



Red (86%)

Green (78%)

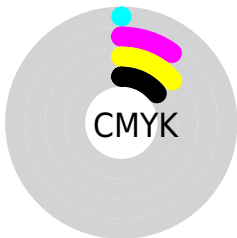
Blue (74%)



Red (86%)

Yellow (80%)

Blue (74%)

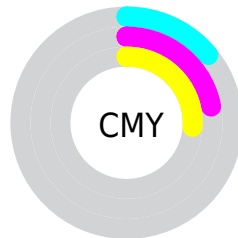


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (14%)



Cyan (14%)


Magenta (22%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4846, 59.0791, 55.8979 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 58.4846, 59.0791, 55.8979 by changing the saturation by 10% instead.


 58.4846, 59.0791,
55.8979

 58.4846, 59.0791,
55.8979


408.9141,
421.1950, 426.6841

 42.4431, 42.6768,
39.7176

 101.7471,
103.4926, 100.3396

 29.6411, 29.6316,
27.0063


129.6989,
132.2726, 129.4381

 19.7130, 19.5591,
17.3455


162.3515,
165.9473, 163.6797

 12.2937, 12.0750,
10.3166

200.0702,
204.9011, 203.4830

 7.0176, 6.7948,
5.5010

243.2205,
249.5184, 249.2666

 3.5196, 3.3341,
2.4803

292.1677,

 1.4341, 1.3085,

300.1835, 301.4490

0.8297

347.2771,
357.2809, 360.4486

■ 0.2803, 0.1478,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4846, 59.0791,
55.8979

■ 58.4846, 59.0791,
55.8979

■ 53.0750, 51.7554,
43.3176

■ 64.5878, 67.2155,
70.4782

■ 48.3286, 45.2110,
32.6457

■ 71.4038, 76.1808,
87.1373

■ 44.2197, 39.4218,
23.7889

■ 78.9574, 86.0011,
105.9540

■ 40.7190, 34.3593,
16.6445

■ 83.0236, 93.8002,
108.3372

■ 37.7947, 29.9933,
11.0996

■ 35.4119, 26.2910,
7.0272

■ 33.5311, 23.2167,
4.2809

■ 32.1059, 20.7306,
2.6833

■ 31.4462, 19.5254,
2.1114

Harmonies

Analogous

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



59.7605, 59.0791, 60.0739



58.4846, 59.0791, 55.8979



56.6051, 59.0791, 53.9974

Triad

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



58.4846, 59.0791, 55.8979



52.4196, 59.0791, 63.0442



57.6857, 59.0791, 74.9851

Complementary

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



58.4846, 59.0791, 55.8979



56.3254, 61.4054, 75.9021

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.



55.7032, 59.0791, 75.8967



58.4846, 59.0791, 55.8979



52.6935, 59.0791, 68.7764

Square

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



58.4846, 59.0791, 55.8979



53.1269, 59.0791, 57.9620



53.8840, 59.0791, 73.5637



59.2917, 59.0791, 71.1419

Rectangle

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



58.4846, 59.0791, 55.8979



55.2750, 59.0791, 54.1916



53.8840, 59.0791, 73.5637



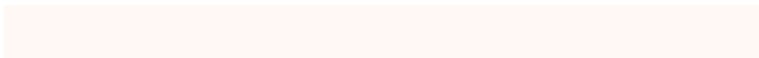
57.0400, 59.0791, 75.6536

Sweetspot

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



58.4862, 59.0817, 55.8992



91.2865, 95.0316, 99.7578



58.7286, 55.6398, 68.0855



19.3915, 20.1453, 20.9958



0.0000, 0.0000, 0.0000



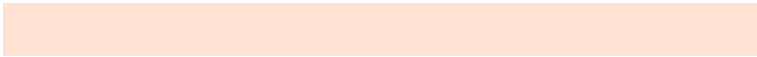
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4862, 59.0817, 55.8992



80.1780, 80.1928, 73.3090



62.1651, 66.4395, 57.1254



13.3974, 13.7342, 13.6704



18.7343, 11.7543, 1.2814



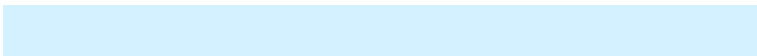
1.2904, 0.9149, 0.1086

Inverse Universe

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



56.3254, 61.4054, 75.9021



76.5589, 84.0818, 106.8021



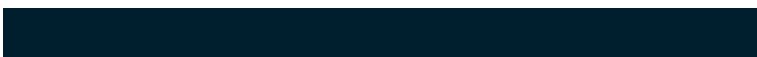
52.7474, 54.2494, 74.7094



13.0722, 14.0842, 16.6817



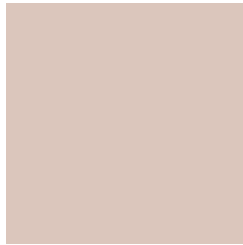
13.9944, 15.8583, 42.0618



0.9834, 1.1810, 2.7506

Previews

White Background



This preview shows how the XYZ color 58.4846, 59.0791, 55.8979 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 58.4846, 59.0791, 55.8979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

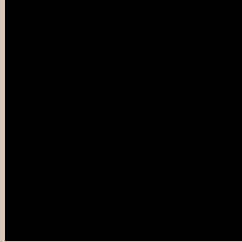
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4846, 59.0791, 55.8979

Background



This preview shows how black text looks on a background with the XYZ color 58.4846, 59.0791, 55.8979.



This preview shows how white text looks on a background with the XYZ color 58.4846, 59.0791,

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

58.4846, 59.0791, 55.8979

Protanopia

56.4754, 59.0463, 57.1357

Deuteranopia

60.3790, 59.0352, 56.3567



Tritanopia

61.2722, 59.2130, 69.1726

Trichromacy



Original Color

58.4846, 59.0791, 55.8979

Protanomaly

57.2802, 59.1288, 56.5381

Deuteranomaly

59.6657, 59.0013, 56.3878

Tritanomaly

60.2194, 59.1163, 64.1138

Monochromacy



Original Color

58.4846, 59.0791, 55.8979

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 58.4846, 59.0791, 55.8979 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(219, 198, 188)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 198, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 198, 188) }
```

Border

The CSS property to change the border of an element to XYZ 58.4846, 59.0791, 55.8979 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(219, 198, 188) }
```


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

```
.border{ border-color:rgb(219, 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(219, 198, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 198, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 198, 188);  
box-shadow:4px 4px 4px 4px rgb(219, 198,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4846, 59.0791, 55.8979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 198, 188) }
```

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

```
.background{ background-color: rgb(219,  
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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