

Converting Colors

XYZ(58.9086, 60.5875, 58.5306)

Have a look what the booklet for
XYZ(58.9086, 60.5875, 58.5306)
contains.

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Color

**XYZ(58.9539, 60.6458,
58.4678)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CAC0
RGB	216, 202, 192
RGB Percent	85%, 79%, 75%
CMY	0.1529, 0.2078, 0.2471
CMYK	0.00, 0.06, 0.11, 0.15
HSL	25°, 24%, 80%
HSV	25°, 11%, 85%
XYZ	58.9539, 60.6458, 58.4678
YIQ	205.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

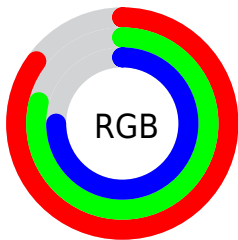
Format	Color
R _Y B	216, 209, 192
Decimal	14207680
CIE Lab	82.19, 3.19, 6.73
CIE LCh	82, 7.445, 64.659
Yxy	60.6458, 0.3311, 0.3406
Android (android.graphics.Color)	4292397760 (0xFFD8CAC0)
YUV	205.0460, -6.4317, 9.6067
Hunter-Lab	77.8754, -1.1524, 9.9987

Details

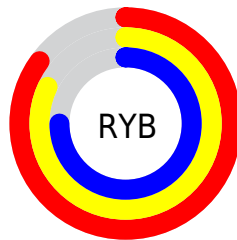
The XYZ color **58.9539, 60.6458, 58.4678** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2040, 60.3059, 73.6443**, and the grayscale version is **58.0935, 61.1189, 66.5585**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **29.9480, 30.6210, 28.7581** is the 20% darker color. If you saturate the color by 10%, you get **53.8986, 54.0879, 45.8289**, and if you desaturate by 10%, it is **64.6051, 67.8321, 73.0398**.

Distribution



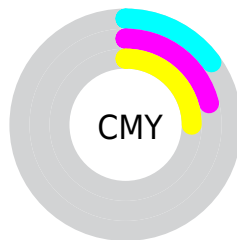
- Red (85%)
- Green (79%)
- Blue (75%)



- Red (85%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9539, 60.6458, 58.4678 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 58.9539, 60.6458, 58.4678 by changing the saturation by 10% instead.

■ 58.9539, 60.6458,
58.4678

■ 58.9539, 60.6458,
58.4678

410.6279,
426.9741, 436.5736

■ 42.8222, 43.9394,
41.7677

■ 102.4257,
105.7659, 104.1253

■ 29.9396, 30.6229,
28.5952

130.4965,
134.9484, 133.9197

■ 19.9406, 20.3118,
18.5319

163.2777,
169.0584, 168.9159

■ 12.4599, 12.6219,
11.1591

201.1348,
208.4802, 209.5326

■ 7.1321, 7.1687,
6.0585

244.4329,
253.5983, 256.1881

■ 3.5919, 3.5678,
2.8113

293.5376,

■ 1.4740, 1.4349,

304.7970, 309.3011

0.9991

348.8141,
362.4608, 369.2901

■ 0.3080, 0.2422,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9539, 60.6458,
58.4678

■ 58.9539, 60.6458,
58.4678

■ 53.8986, 54.0879,
45.8289

■ 64.6051, 67.8321,
73.0398

■ 49.4133, 48.1329,
35.0369

■ 70.8671, 75.6556,
89.6180

■ 45.4772, 42.7649,
26.0051

■ 77.4689, 84.0184,
106.7419

■ 42.0666, 37.9646,
18.6379

■ 81.3026, 91.6858,
108.0198

■ 39.1554, 33.7111,
12.8309

■ 82.1292, 93.3391,
108.2953

■ 36.7153, 29.9824,
8.4674

■ 34.7141, 26.7541,
5.4141

■ 33.1149, 23.9996,
3.5122

■ 31.9784, 21.9176,
2.5451

Harmonies

Analogous

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



60.1807, 60.6458, 61.2013



58.9539, 60.6458, 58.4678



57.3953, 60.6458, 57.7245

Triad

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



58.9539, 60.6458, 58.4678



54.6628, 60.6458, 66.7431



59.3894, 60.6458, 73.4617

Complementary

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



58.9539, 60.6458, 58.4678



56.2040, 60.3059, 73.6443

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.



57.8894, 60.6458, 75.1027



58.9539, 60.6458, 58.4678



55.1757, 60.6458, 71.1125

Square

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



58.9539, 60.6458, 58.4678



54.9361, 60.6458, 62.3737



56.3497, 60.6458, 74.2241



60.4353, 60.6458, 69.8326

Rectangle

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



58.9539, 60.6458, 58.4678



56.3821, 60.6458, 58.4273



56.3497, 60.6458, 74.2241



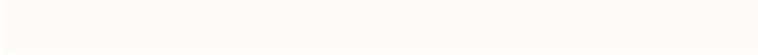
58.9205, 60.6458, 74.2715

Sweetspot

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



58.9556, 60.6485, 58.4691



92.4358, 96.7036, 102.0729



58.3099, 56.7553, 66.2749



19.6385, 20.5131, 21.4669



0.0000, 0.0000, 0.0000



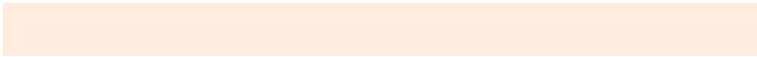
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9556, 60.6485, 58.4691



84.3047, 86.3258, 81.2211



61.8806, 66.4986, 59.4441



12.8443, 13.2628, 13.0437



19.0289, 13.1751, 1.5401



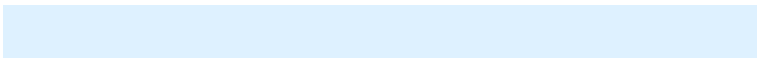
1.2284, 0.9561, 0.1198

Inverse Universe

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



56.2040, 60.3059, 73.6443



79.6375, 85.7443, 106.9607



53.4255, 54.7488, 72.7182



12.3382, 13.1998, 15.8350



11.8585, 11.9788, 40.1403



0.7961, 0.8843, 2.4480

Previews

White Background



This preview shows how the XYZ color 58.9539, 60.6458, 58.4678 looks on a white background.

Color Contrast Check

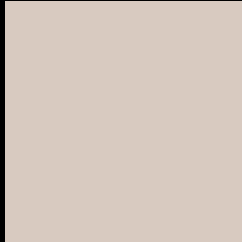
Large Text (above 18pt) WCAG AA × Fail

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 58.9539, 60.6458, 58.4678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

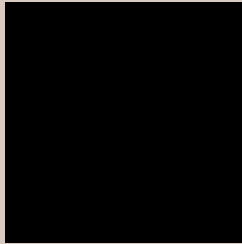
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9539, 60.6458, 58.4678

Background



This preview shows how black text looks on a background with the XYZ color 58.9539, 60.6458, 58.4678.

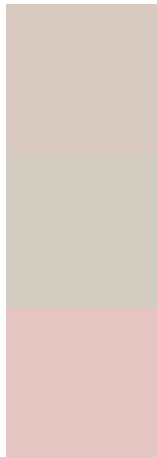


This preview shows how white text looks on a background with the XYZ color 58.9539, 60.6458,

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

58.9539, 60.6458, 58.4678

Protanopia

58.0825, 60.8849, 59.1428

Deuteranopia

61.5868, 60.2767, 58.8407



Tritanopia

61.7744, 60.7620, 72.0907

Trichromacy



Original Color

58.9539, 60.6458, 58.4678

Protanomaly

58.4221, 60.7083, 59.0908

Deuteranomaly

60.7895, 60.5444, 58.9344

Tritanomaly

60.7083, 60.6702, 66.9034

Monochromacy



Original Color

58.9539, 60.6458, 58.4678

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.3127, 60.9112, 63.3272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9539, 60.6458, 58.4678 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(216, 202, 192) looks like.

```
.text, #text, p{  
    color:rgb(216, 202, 192)  
}
```

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(216, 202, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 202, 192) }
```

Border

The CSS property to change the border of an element to XYZ 58.9539, 60.6458, 58.4678 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(216, 202, 192) }
```


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

```
.border{ border-color:rgb(216, 202, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 202, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 202, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 202, 192);  
box-shadow:4px 4px 4px 4px rgb(216, 202,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9539, 60.6458, 58.4678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 202, 192) }
```

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

```
.background{ background-color: rgb(216,  
202, 192) }
```

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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