

Converting Colors

XYZ(56.8801, 56.7110, 58.3010)

Have a look what the booklet for
XYZ(56.8801, 56.7110, 58.3010)
contains.

XYZ(56.9418, 56.8809, 58.4300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.9418, 56.8809,
58.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C2C1
RGB	215, 194, 193
RGB Percent	84%, 76%, 76%
CMY	0.1569, 0.2392, 0.2431
CMYK	0.00, 0.10, 0.10, 0.16
HSL	3°, 22%, 80%
HSV	3°, 10%, 84%
XYZ	56.9418, 56.8809, 58.4300
YIQ	200.1650, 12.8370, 4.1410

Conversions

Conversions Part 2

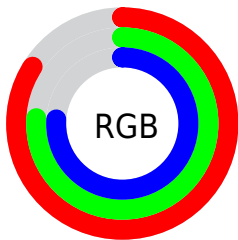
Format	Color
R _Y B	215, 194, 193
Decimal	14140097
CIE Lab	80.11, 7.22, 3.19
CIE LCh	80, 7.896, 23.794
Yxy	56.8809, 0.3306, 0.3302
Android (android.graphics.Color)	4292330177 (0xFFD7C2C1)
YUV	200.1650, -3.5323, 13.0103
Hunter-Lab	75.4194, 2.7838, 6.8596

Details

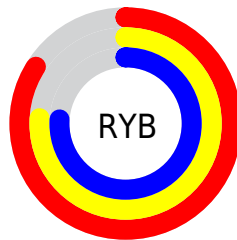
The XYZ color **56.9418, 56.8809, 58.4300** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3045, 64.3358, 73.6358**, and the grayscale version is **55.0182, 57.8835, 63.0351**.

A 20% lighter version of the original color is **92.5245, 96.4708, 103.3667**, and **28.6089, 28.1232, 28.7314** is the 20% darker color. If you saturate the color by 10%, you get **50.4602, 47.4805, 45.2842**, and if you desaturate by 10%, it is **64.4059, 67.6869, 73.6249**.

Distribution



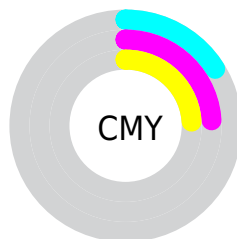
- Red (84%)
- Green (76%)
- Blue (76%)



- Red (84%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (10%)
- Black (16%)





- Cyan (16%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9418, 56.8809, 58.4300 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 56.9418, 56.8809, 58.4300 by changing the saturation by 10% instead.


 56.9418, 56.8809,
58.4300

 56.9418, 56.8809,
58.4300


403.2489,
413.0029, 436.4292

 41.1985, 40.9096,
41.7375


 99.5121, 100.2914,
104.0697

 28.6626, 28.2485,
28.5717


127.0698,
128.4994, 133.8540

 18.9687, 18.5130,
18.5143


159.2963,
161.5551, 168.8392

 11.7515, 11.3190,
11.1466

196.5570,
199.8429, 209.4440

 6.6457, 6.2818,
6.0501

239.2173,
243.7472, 256.0869

 3.2859, 3.0172,
2.8063

287.6425,

 1.3067, 1.1407,

293.6523, 309.1863

0.9966

342.1979,
349.9428, 369.1609

0.1882, 0.0125,
0.0000

0.0000, 0.0000,
0.0000

56.9418, 56.8809,
58.4300

56.9418, 56.8809,
58.4300

50.4602, 47.4805,
45.2842

64.4059, 67.6869,
73.6249

44.9156, 39.4209,
34.0963

72.8860, 79.9450,
90.9475

40.2661, 32.6432,
24.7739

81.8347, 93.1872,
108.2815

36.4648, 27.0814,
17.2155

■ 33.4605, 22.6635,
11.3099

■ 31.1964, 19.3099,
6.9335

■ 29.6081, 16.9311,
3.9453

■ 28.6206, 15.4225,
2.1778

■ 28.1312, 14.6602,
1.3470

Harmonies

Analogous

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



57.1954, 56.8809, 62.8957



56.9418, 56.8809, 58.4300



55.9103, 56.8809, 55.0610

Triad

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



56.9418, 56.8809, 58.4300



51.6074, 56.8809, 56.8498



53.7301, 56.8809, 71.1586

Complementary

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



56.9418, 56.8809, 58.4300



58.3045, 64.3358, 73.6358

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.



52.2580, 56.8809, 69.3556



56.9418, 56.8809, 58.4300



51.0482, 56.8809, 60.9814

Square

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



56.9418, 56.8809, 58.4300



52.8260, 56.8809, 54.1808



51.2840, 56.8809, 65.5746



55.3204, 56.8809, 70.3928

Rectangle

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



56.9418, 56.8809, 58.4300



54.9310, 56.8809, 53.8151



51.2840, 56.8809, 65.5746



53.2054, 56.8809, 70.8301

Sweetspot

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



56.9434, 56.8834, 58.4312



91.5575, 94.9469, 101.7801



59.2668, 57.4565, 71.7643



19.4022, 20.0405, 21.3882



0.0000, 0.0000, 0.0000



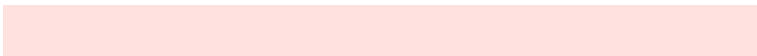
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9434, 56.8834, 58.4312



81.8898, 80.9455, 82.1137



59.4183, 61.8333, 59.2562



12.4683, 12.5107, 12.9184



16.8465, 8.8103, 0.8126



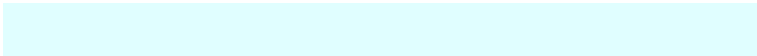
1.0325, 0.5641, 0.0545

Inverse Universe

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



58.3045, 64.3358, 73.6358



84.2308, 93.7637, 108.2665



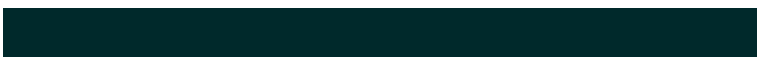
55.6778, 59.0825, 72.7603



12.7414, 14.0062, 15.9694



20.4433, 29.1484, 43.0019



1.2484, 1.7887, 2.5988

Previews

White Background



This preview shows how the XYZ color 56.9418, 56.8809, 58.4300 looks on a white background.

Color Contrast Check

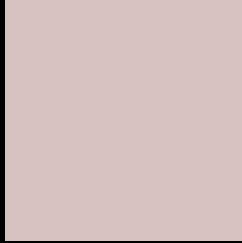
Large Text (above 18pt) WCAG AA × Fail

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 56.9418, 56.8809, 58.4300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

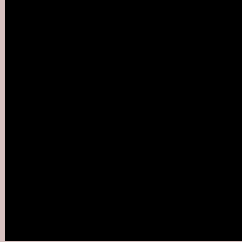
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9418, 56.8809, 58.4300

Background



This preview shows how black text looks on a background with the XYZ color 56.9418, 56.8809, 58.4300.



This preview shows how white text looks on a background with the XYZ color 56.9418, 56.8809,

58.4300.

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

56.9418, 56.8809, 58.4300

Protanopia

54.6730, 57.0248, 59.7551

Deuteranopia

57.9905, 56.7652, 58.3524



Tritanopia

58.7274, 56.9560, 66.9298

Trichromacy



Original Color

56.9418, 56.8809, 58.4300

Protanomaly

55.4360, 57.0929, 59.1372

Deuteranomaly

57.6090, 56.8956, 58.3977

Tritanomaly

58.0495, 57.0031, 63.8203

Monochromacy



Original Color

56.9418, 56.8809, 58.4300

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.4490, 57.3985, 60.9799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9418, 56.8809, 58.4300 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(215, 194, 193)` looks like.

```
.text, #text, p{  
    color:rgb(215, 194, 193)  
}
```

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(215, 194, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 194, 193) }
```

Border

The CSS property to change the border of an element to XYZ 56.9418, 56.8809, 58.4300 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(215, 194, 193) }
```


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

```
.border{ border-color:rgb(215, 194, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 194, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 194, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 194, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 194,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9418, 56.8809, 58.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 194, 193) }
```

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

```
.background{ background-color: rgb(215,  
194, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor