

Converting Colors

XYZ(58.3947, 58.8967, 65.6631)

Have a look what the booklet for
XYZ(58.3947, 58.8967, 65.6631)
contains.

XYZ(58.2445, 58.7448, 65.3958)	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(58.2445, 58.7448,
65.3958)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C6CC
RGB	212, 198, 204
RGB Percent	83%, 78%, 80%
CMY	0.1686, 0.2235, 0.2000
CMYK	0.00, 0.07, 0.04, 0.17
HSL	334°, 14%, 80%
HSV	334°, 7%, 83%
XYZ	58.2445, 58.7448, 65.3958
YIQ	202.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

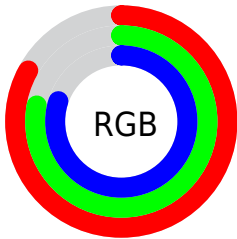
Format	Color
R _Y B	212, 198, 204
Decimal	13944524
CIE Lab	81.15, 5.94, -1.24
CIE LCh	81, 6.067, 348.193
Yxy	58.7448, 0.3193, 0.3221
Android (android.graphics.Color)	4292134604 (0xFFD4C6CC)
YUV	202.8700, 0.5571, 8.0070
Hunter-Lab	76.6452, 1.5174, 3.0637

Details

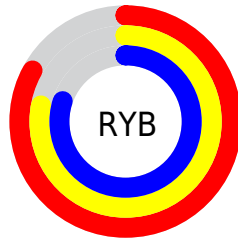
The XYZ color **58.2445, 58.7448, 65.3958** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9749, 63.5504, 67.6064**, and the grayscale version is **56.6783, 59.6300, 64.9371**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3829, 29.3166, 32.9642** is the 20% darker color. If you saturate the color by 10%, you get **52.3369, 49.1651, 56.5332**, and if you desaturate by 10%, it is **64.9468, 69.7313, 75.0827**.

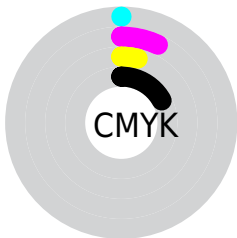
Distribution



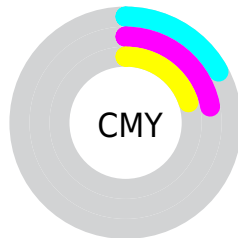
- Red (83%)
- Green (78%)
- Blue (80%)



- Red (83%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2445, 58.7448, 65.3958 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 58.2445, 58.7448, 65.3958 by changing the saturation by 10% instead.

■ 58.2445, 58.7448,
65.3958

■ 58.2445, 58.7448,
65.3958

408.0356,
419.9555, 462.5580

■ 42.2493, 42.4077,
47.3287

101.3997,
103.0067, 114.2374

■ 29.4885, 29.4207,
32.9394

129.2905,
131.7002, 145.8490

■ 19.5968, 19.3993,
21.8093

161.8771,
165.2814, 182.8126

■ 12.2089, 11.9591,
13.5199

199.5249,
204.1346, 225.5466

■ 6.9593, 6.7159,
7.6526

242.5993,
248.6443, 274.4696

■ 3.4828, 3.2850,
3.7889

291.4656,

■ 1.4139, 1.2823,

299.1947, 330.0001

1.5103

346.4893,
356.1703, 392.5568

■ 0.2661, 0.1274,
0.2255

■ 0.0000, 0.0000,
0.0000

■ 58.2445, 58.7448,
65.3958

■ 58.2445, 58.7448,
65.3958

■ 52.3369, 49.1651,
56.5332

■ 64.9468, 69.7313,
75.0827

■ 47.1884, 40.9275,
48.4682

■ 72.4676, 82.1708,
85.6118

■ 42.7681, 33.9736,
41.1782

■ 78.6924, 91.8295,
96.2909

■ 39.0409, 28.2376,
34.6379

■ 80.5571, 92.5754,
106.1100

■ 35.9686, 23.6480,
28.8204

■ 80.9617, 92.7372,
108.2407

■ 33.5094, 20.1256,
23.6971

■ 31.6161, 17.5810,
19.2366

■ 30.2338, 15.9099,
15.4047

■ 29.2930, 14.9788,
12.1608

Harmonies

Analogous

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



57.6637, 58.7448, 68.7091



58.2445, 58.7448, 65.3958



58.1726, 58.7448, 61.8175

Triad

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



58.2445, 58.7448, 65.3958



55.0809, 58.7448, 57.5849



54.2330, 58.7448, 69.2849

Complementary

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



58.2445, 58.7448, 65.3958



57.9749, 63.5504, 67.6064

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.



53.5612, 58.7448, 66.1577



58.2445, 58.7448, 65.3958



54.0457, 58.7448, 59.4409

Square

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



58.2445, 58.7448, 65.3958



56.3332, 58.7448, 57.3982



53.4932, 58.7448, 62.5515



55.3401, 58.7448, 71.0104

Rectangle

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



58.2445, 58.7448, 65.3958



57.7643, 58.7448, 59.7612



53.4932, 58.7448, 62.5515



53.9495, 58.7448, 68.3575

Sweetspot

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



58.2462, 58.7474, 65.3971



92.9787, 96.6027, 105.9118



57.5149, 58.2566, 70.5014



19.9230, 20.7125, 22.7009



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.



58.2462, 58.7474, 65.3971



87.0630, 86.9395, 97.2558



57.7545, 58.8930, 61.7526



12.6419, 12.5083, 14.0544



17.9711, 9.1248, 7.1518



1.1249, 0.5668, 0.6472

Inverse Universe

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



58.2462, 58.7474, 65.3971



87.0630, 86.9395, 97.2558



58.4850, 63.3823, 71.4396



12.6419, 12.5083, 14.0544



17.9711, 9.1248, 7.1518



1.1249, 0.5668, 0.6472

Previews

White Background



This preview shows how the XYZ color 58.2445, 58.7448, 65.3958 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 58.2445, 58.7448, 65.3958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

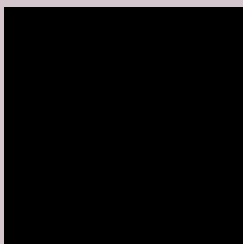
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

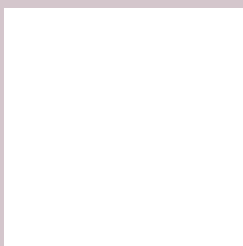
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2445, 58.7448, 65.3958

Background



This preview shows how black text looks on a background with the XYZ color 58.2445, 58.7448, 65.3958.



This preview shows how white text looks on a background with the XYZ color 58.2445, 58.7448,

65.3958.

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

58.2445, 58.7448, 65.3958

Protanopia

56.8079, 59.0184, 66.1552

Deuteranopia

60.0498, 58.6536, 65.9139



Tritanopia

59.2905, 58.8321, 70.5181

Trichromacy



Original Color

58.2445, 58.7448, 65.3958

Protanomaly

57.4058, 58.9817, 66.1166

Deuteranomaly

59.3746, 58.6393, 65.9468

Tritanomaly

58.9154, 58.6821, 68.5432

Monochromacy



Original Color

58.2445, 58.7448, 65.3958

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.1197, 59.2069, 64.9175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2445, 58.7448, 65.3958 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(212, 198, 204) looks like.

```
.text, #text, p{  
    color:rgb(212, 198, 204)  
}
```

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(212, 198, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 198, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.2445, 58.7448, 65.3958 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(212, 198, 204) }
```


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

```
.border{ border-color:rgb(212, 198, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 198, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 198, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 198, 204);  
box-shadow:4px 4px 4px 4px rgb(212, 198,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2445, 58.7448, 65.3958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 198, 204) }
```

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

```
.background{ background-color: rgb(212,  
198, 204) }
```

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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