

Converting Colors

XYZ(58.3707, 58.4469, 68.7399)

Have a look what the booklet for
XYZ(58.3707, 58.4469, 68.7399)
contains.

XYZ(58.3388, 58.3848, 68.5162)	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(58.3388, 58.3848,
68.5162)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C5D1
RGB	211, 197, 209
RGB Percent	83%, 77%, 82%
CMY	0.1725, 0.2274, 0.1804
CMYK	0.00, 0.07, 0.01, 0.17
HSL	309°, 14%, 80%
HSV	309°, 7%, 83%
XYZ	58.3388, 58.3848, 68.5162
YIQ	202.5540, 4.4920, 6.7000

Conversions

Conversions Part 2

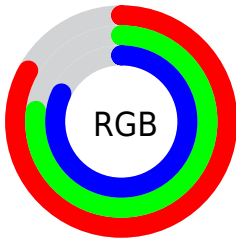
Format	Color
R _Y B	211, 197, 209
Decimal	13878737
CIE Lab	80.95, 7.02, -4.23
CIE LCh	81, 8.198, 328.966
Yxy	58.3848, 0.3149, 0.3152
Android (android.graphics.Color)	4292068817 (0xFFD3C5D1)
YUV	202.5540, 3.1779, 7.4071
Hunter-Lab	76.4099, 2.5669, 0.3221

Details

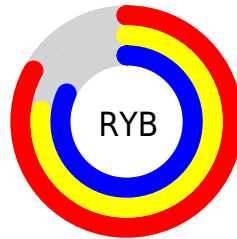
The XYZ color **58.3388, 58.3848, 68.5162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6312, 62.5839, 63.1309**, and the grayscale version is **56.4653, 59.4059, 64.6930**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **29.4492, 29.0794, 35.0711** is the 20% darker color. If you saturate the color by 10%, you get **53.5099, 49.3180, 65.0829**, and if you desaturate by 10%, it is **63.8487, 68.8007, 72.2128**.

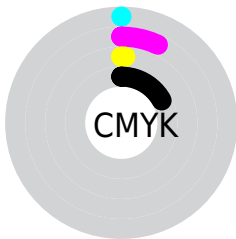
Distribution



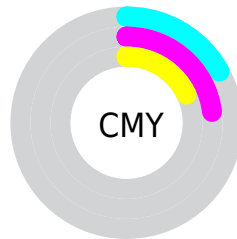
- Red (83%)
- Green (77%)
- Blue (82%)



- Red (83%)
- Yellow (77%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (17%)



- Cyan (17%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3388, 58.3848, 68.5162 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 58.3388, 58.3848, 68.5162 by changing the saturation by 10% instead.

■ 58.3388, 58.3848,
68.5162

■ 58.3388, 58.3848,
68.5162

408.3807,
418.6183, 473.9704

■ 42.3254, 42.1181,
49.8485

101.5362,
102.4830, 118.7515

■ 29.5484, 29.1938,
34.9227

129.4509,
131.0833, 151.1561

■ 19.6424, 19.2274,
23.3203

162.0634,
164.5635, 188.9769

■ 12.2421, 11.8347,
14.6226

199.7391,
203.3082, 232.6322

■ 6.9822, 6.6313,
8.4113

242.8434,
247.7016, 282.5407

■ 3.4972, 3.2326,
4.2677

291.7415,

■ 1.4218, 1.2543,

298.1281, 339.1209

1.7733

346.7988,
354.9722, 402.7912

■ 0.2717, 0.1054,
0.4103

■ 0.0000, 0.0000,
0.0000

■ 58.3388, 58.3848,
68.5162

■ 58.3388, 58.3848,
68.5162

■ 53.5099, 49.3180,
65.0829

■ 63.8487, 68.8007,
72.2128

■ 49.3293, 41.5372,
61.8996

■ 70.0607, 80.6102,
76.1778

■ 45.7689, 34.9858,
58.9575

■ 75.2853, 90.4334,
79.8488

■ 42.7967, 29.5998,
56.2458

■ 75.6836, 90.5928,
81.9466

40.3780, 25.3095,
53.7527

76.0892, 90.7550,
84.0823

38.4741, 22.0378,
51.4651

76.5020, 90.9202,
86.2563

37.0413, 19.6976,
49.3682

76.9222, 91.0882,
88.4686

36.0289, 18.1871,
47.4449

77.3496, 91.2592,
90.7195

35.3711, 17.3752,
45.6732

77.7844, 91.4331,
93.0092

Harmonies

Analogous

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



57.0898, 58.3848, 72.1107



58.3388, 58.3848, 68.5162



58.8229, 58.3848, 63.7400

Triad

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



58.3388, 58.3848, 68.5162



55.5519, 58.3848, 54.6702



52.6844, 58.3848, 68.2094

Complementary

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



58.3388, 58.3848, 68.5162



56.6312, 62.5839, 63.1309

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.



52.2912, 58.3848, 63.4025



58.3388, 58.3848, 68.5162



53.9263, 58.3848, 55.7338

Square

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



58.3388, 58.3848, 68.5162



57.1938, 58.3848, 55.8885



52.7413, 58.3848, 58.8699



53.8262, 58.3848, 71.9273

Rectangle

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



58.3388, 58.3848, 68.5162



58.6393, 58.3848, 60.5793



52.7413, 58.3848, 58.8699



52.4613, 58.3848, 66.6598

Sweetspot

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



58.3405, 58.3873, 68.5175



93.3274, 96.7422, 107.7481



55.2444, 56.7624, 69.6734



19.9940, 20.7409, 23.0747



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.



58.3405, 58.3873, 68.5175



88.4181, 87.4815, 104.3916



57.5086, 58.0546, 64.1368



12.2351, 11.9788, 14.5140



21.2657, 10.3791, 27.3691



1.2094, 0.5885, 1.6376

Inverse Universe

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



58.3405, 58.3873, 68.5175



88.4181, 87.4815, 104.3916



57.4465, 62.9100, 67.4244



12.2351, 11.9788, 14.5140



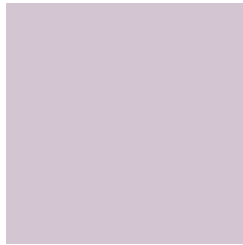
21.2657, 10.3791, 27.3691



1.2094, 0.5885, 1.6376

Previews

White Background



This preview shows how the XYZ color 58.3388, 58.3848, 68.5162 looks on a white background.

Color Contrast Check

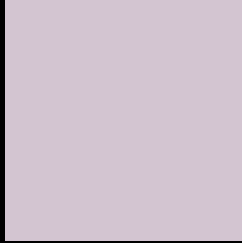
Large Text (above 18pt) WCAG AA × Fail

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 58.3388, 58.3848, 68.5162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

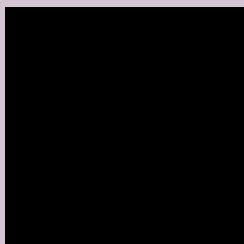
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3388, 58.3848, 68.5162

Background



This preview shows how black text looks on a background with the XYZ color 58.3388, 58.3848, 68.5162.



This preview shows how white text looks on a background with the XYZ color 58.3388, 58.3848,

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

58.3388, 58.3848, 68.5162

Protanopia

56.7693, 58.5683, 69.9408

Deuteranopia

59.6390, 58.3854, 68.4478



Tritanopia

58.7139, 58.5349, 70.4912

Trichromacy



Original Color

58.3388, 58.3848, 68.5162

Protanomaly

57.2331, 58.4791, 69.2439

Deuteranomaly

59.2729, 58.5304, 68.4951

Tritanomaly

58.5881, 58.4845, 69.8287

Monochromacy



Original Color

58.3388, 58.3848, 68.5162

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3597, 59.3029, 66.1810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3388, 58.3848, 68.5162 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(211, 197, 209) looks like.

```
.text, #text, p{  
    color:rgb(211, 197, 209)  
}
```

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(211, 197, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 197, 209) }
```

Border

The CSS property to change the border of an element to XYZ 58.3388, 58.3848, 68.5162 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(211, 197, 209) }
```


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

```
.border{ border-color:rgb(211, 197, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 197, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 197, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 197, 209);  
box-shadow:4px 4px 4px 4px rgb(211, 197,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3388, 58.3848, 68.5162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 197, 209) }
```

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

```
.background{ background-color: rgb(211,  
197, 209) }
```

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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