

Converting Colors

XYZ(58.3159, 57.6808, 67.5615)

Have a look what the booklet for
XYZ(58.3159, 57.6808, 67.5615)
contains.

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Color

**XYZ(58.3408, 57.7304,
67.7427)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C3D0
RGB	213, 195, 208
RGB Percent	84%, 76%, 82%
CMY	0.1647, 0.2353, 0.1843
CMYK	0.00, 0.08, 0.02, 0.16
HSL	317°, 18%, 80%
HSV	317°, 8%, 84%
XYZ	58.3408, 57.7304, 67.7427
YIQ	201.8640, 6.5550, 7.8590

Conversions

Conversions Part 2

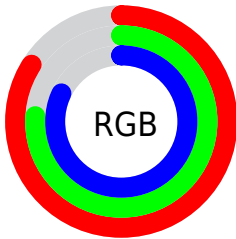
Format	Color
R _Y B	213, 195, 208
Decimal	14009296
CIE Lab	80.59, 8.60, -4.21
CIE LCh	81, 9.571, 333.930
Yxy	57.7304, 0.3174, 0.3141
Android (android.graphics.Color)	4292199376 (0xFFD5C3D0)
YUV	201.8640, 3.0250, 9.7663
Hunter-Lab	75.9805, 4.0933, 0.3246

Details

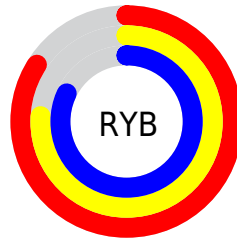
The XYZ color **58.3408, 57.7304, 67.7427** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7274, 63.3622, 63.8868**, and the grayscale version is **56.0345, 58.9527, 64.1994**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **29.4582, 28.6519, 34.5496** is the 20% darker color. If you saturate the color by 10%, you get **53.1906, 48.5727, 62.5010**, and if you desaturate by 10%, it is **64.2023, 68.2654, 73.3569**.

Distribution



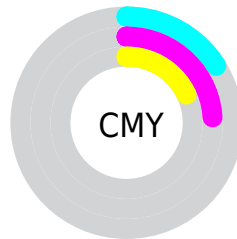
- Red (84%)
- Green (76%)
- Blue (82%)



- Red (84%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3408, 57.7304, 67.7427 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 58.3408, 57.7304, 67.7427 by changing the saturation by 10% instead.

■ 58.3408, 57.7304,
67.7427

■ 58.3408, 57.7304,
67.7427

408.3881,
416.1806, 471.1571

■ 42.3270, 41.5919,
49.2231

□ 101.5391,
101.5302, 117.6347

■ 29.5497, 28.7819,
34.4296

129.4543,
129.9602, 149.8442

■ 19.6434, 18.9159,
22.9438

162.0674,
163.2563, 187.4540

■ 12.2428, 11.6095,
14.3471

199.7437,
201.8028, 230.8827

■ 6.9827, 6.4784,
8.2210

242.8485,
245.9841, 280.5488

■ 3.4975, 3.1381,
4.1469

291.7473,

■ 1.4220, 1.2042,

296.1846, 336.8709

1.7063

346.8054,
352.7886, 400.2675

■ 0.2718, 0.0652,
0.3650

■ 0.0000, 0.0000,
0.0000

■ 58.3408, 57.7304,
67.7427

■ 58.3408, 57.7304,
67.7427

■ 53.1906, 48.5727,
62.5010

■ 64.2023, 68.2654,
73.3569

■ 48.7176, 40.7275,
57.6171

■ 70.7973, 80.2244,
79.3503

■ 44.8927, 34.1356,
53.0802

■ 76.8947, 91.1438,
85.3148

■ 41.6822, 28.7306,
48.8778

■ 77.7199, 91.4739,
89.6601

39.0496, 24.4398,
44.9962

78.5733, 91.8153,
94.1544

36.9542, 21.1826,
41.4203

79.4554, 92.1681,
98.7991

35.3502, 18.8672,
38.1332

80.3662, 92.5324,
103.5957

34.1831, 17.3860,
35.1151

81.2509, 92.8863,
108.2542

33.3715, 16.5759,
32.3373

Harmonies

Analogous

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



57.0104, 57.7304, 72.2863



58.3408, 57.7304, 67.7427



58.7335, 57.7304, 62.1188

Triad

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



58.3408, 57.7304, 67.7427



54.6121, 57.7304, 52.6547



51.7907, 57.7304, 69.1039

Complementary

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



58.3408, 57.7304, 67.7427



56.7274, 63.3622, 63.8868

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.



51.1817, 57.7304, 63.6042



58.3408, 57.7304, 67.7427



52.7858, 57.7304, 54.2884

Square

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



58.3408, 57.7304, 67.7427



56.5509, 57.7304, 53.6177



51.5416, 57.7304, 58.2151



53.2247, 57.7304, 73.1046

Rectangle

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



58.3408, 57.7304, 67.7427



58.4031, 57.7304, 58.5644



51.5416, 57.7304, 58.2151



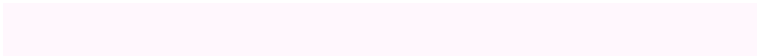
51.4843, 57.7304, 67.3577

Sweetspot

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



58.3425, 57.7329, 67.7439



92.3176, 95.0797, 106.3104



55.2937, 56.0890, 70.8635



19.6071, 20.0765, 22.6085



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.



58.3425, 57.7329, 67.7439



86.3280, 84.3478, 100.4689



57.2897, 57.3118, 62.2000



12.7990, 12.5711, 14.8818



20.3611, 10.0808, 19.7376



1.2624, 0.6217, 1.3711

Inverse Universe

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



58.3425, 57.7329, 67.7439



86.3280, 84.3478, 100.4689



57.7856, 63.7855, 69.4594



12.7990, 12.5711, 14.8818



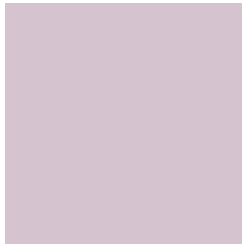
20.3611, 10.0808, 19.7376



1.2624, 0.6217, 1.3711

Previews

White Background



This preview shows how the XYZ color 58.3408, 57.7304, 67.7427 looks on a white background.

Color Contrast Check

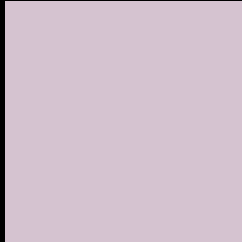
Large Text (above 18pt) WCAG AA × Fail

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 58.3408, 57.7304, 67.7427 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 58.3408, 57.7304, 67.7427

Background



This preview shows how black text looks on a background with the XYZ color 58.3408, 57.7304, 67.7427.



This preview shows how white text looks on a background with the XYZ color 58.3408, 57.7304,

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

58.3408, 57.7304, 67.7427

Protanopia

56.1437, 57.9175, 69.1929

Deuteranopia

58.9959, 57.7366, 67.7094



Tritanopia

58.5885, 57.8295, 69.0470

Trichromacy



Original Color

58.3408, 57.7304, 67.7427

Protanomaly

56.8795, 57.9708, 68.5132

Deuteranomaly

58.7013, 57.5847, 67.6956

Tritanomaly

58.4643, 57.7798, 68.3928

Monochromacy



Original Color

58.3408, 57.7304, 67.7427

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.7761, 58.3283, 65.3928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3408, 57.7304, 67.7427 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(213, 195, 208)` looks like.

```
.text, #text, p{  
    color:rgb(213, 195, 208)  
}
```

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(213, 195, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 195, 208) }
```

Border

The CSS property to change the border of an element to XYZ 58.3408, 57.7304, 67.7427 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(213, 195, 208) }
```


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

```
.border{ border-color:rgb(213, 195, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 195, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 195, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 195, 208);  
box-shadow:4px 4px 4px 4px rgb(213, 195,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3408, 57.7304, 67.7427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 195, 208) }
```

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

```
.background{ background-color: rgb(213,  
195, 208) }
```

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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