

Converting Colors

XYZ(58.7315, 56.8666, 68.4158)

Have a look what the booklet for
XYZ(58.7315, 56.8666, 68.4158)
contains.

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Color

**XYZ(58.6772, 56.9017,
68.2121)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C0D1
RGB	216, 192, 209
RGB Percent	85%, 75%, 82%
CMY	0.1529, 0.2470, 0.1804
CMYK	0.00, 0.11, 0.03, 0.15
HSL	318°, 24%, 80%
HSV	318°, 11%, 85%
XYZ	58.6772, 56.9017, 68.2121
YIQ	201.1140, 8.8470, 10.3750

Conversions

Conversions Part 2

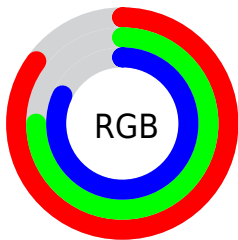
Format	Color
R _Y B	216, 192, 209
Decimal	14205137
CIE Lab	80.12, 11.41, -5.40
CIE LCh	80, 12.627, 334.680
Yxy	56.9017, 0.3193, 0.3096
Android (android.graphics.Color)	4292395217 (0xFFD8C0D1)
YUV	201.1140, 3.8878, 13.0550
Hunter-Lab	75.4332, 6.8416, -0.8110

Details

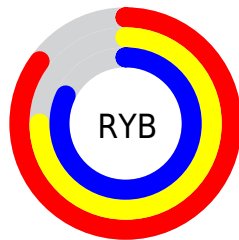
The XYZ color **58.6772, 56.9017, 68.2121** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6051, 64.4433, 63.4914**, and the grayscale version is **55.5623, 58.4558, 63.6584**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **29.8470, 28.4089, 34.9207** is the 20% darker color. If you saturate the color by 10%, you get **53.5139, 47.7982, 62.7183**, and if you desaturate by 10%, it is **64.5707, 67.4146, 74.1029**.

Distribution



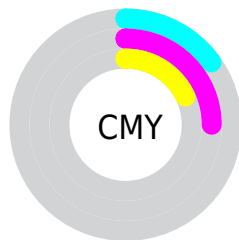
- Red (85%)
- Green (75%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6772, 56.9017, 68.2121 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 58.6772, 56.9017, 68.2121 by changing the saturation by 10% instead.

■ 58.6772, 56.9017,
68.2121

■ 58.6772, 56.9017,
68.2121

409.6179,
413.0809, 472.8656

■ 42.5987, 40.9263,
49.6025

□ 102.0257,
100.3217, 118.3126

■ 29.7635, 28.2615,
34.7287

130.0263,
128.5352, 150.6406

■ 19.8063, 18.5229,
23.1721

162.7318,
161.5968, 188.3785

■ 12.3618, 11.3260,
14.5141

200.5074,
199.8909, 231.9449

■ 7.0645, 6.2866,
8.3363

243.7184,
243.8020, 281.7582

■ 3.5492, 3.0201,
4.2200

292.7303,

■ 1.4504, 1.1422,

293.7145, 338.2371

1.7468

347.9083,
350.0126, 401.8000

■ 0.2917, 0.0138,
0.3925

■ 0.0000, 0.0000,
0.0000

■ 58.6772, 56.9017,
68.2121

■ 58.6772, 56.9017,
68.2121

■ 53.5139, 47.7982,
62.7183

■ 64.5707, 67.4146,
74.1029

■ 49.0452, 40.0361,
57.6058

■ 71.2182, 79.3862,
80.3984

■ 45.2401, 33.5528,
52.8633

■ 78.0696, 91.7153,
86.9174

■ 42.0631, 28.2781,
48.4771

■ 78.9601, 92.0715,
91.6068

■ 39.4753, 24.1346,
44.4324

■ 79.8829, 92.4406,
96.4658

■ 37.4333, 21.0362,
40.7129

■ 80.8381, 92.8227,
101.4962

■ 35.8873, 18.8842,
37.3001

■ 81.8263, 93.2179,
106.6997

■ 34.7783, 17.5609,
34.1724

■ 82.1293, 93.3391,
108.2953

■ 34.0683, 16.8987,
31.5990

Harmonies

Analogous

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



56.9459, 56.9017, 74.3463



58.6772, 56.9017, 68.2121



59.1627, 56.9017, 60.8081

Triad

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



58.6772, 56.9017, 68.2121



53.6810, 56.9017, 48.8871



50.1182, 56.9017, 70.3681

Complementary

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



58.6772, 56.9017, 68.2121



56.6051, 64.4433, 63.4914

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.



49.3034, 56.9017, 63.1188



58.6772, 56.9017, 68.2121



51.3184, 56.9017, 51.0254

Square

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



58.6772, 56.9017, 68.2121



56.2257, 56.9017, 50.0170



49.7358, 56.9017, 56.0951



51.9961, 56.9017, 75.6586

Rectangle

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



58.6772, 56.9017, 68.2121



58.7019, 56.9017, 56.2295



49.7358, 56.9017, 56.0951



49.7137, 56.9017, 68.0592

Sweetspot

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



58.6788, 56.9042, 68.2133



92.3006, 95.0729, 106.2213



54.7468, 54.7748, 72.6538



19.6025, 20.0747, 22.5844



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.



58.6788, 56.9042, 68.2133



83.8533, 80.0356, 97.6792



57.2715, 56.3413, 60.8026



12.7914, 12.5681, 14.8419



20.2138, 10.0218, 18.9615



1.2544, 0.6186, 1.3293

Inverse Universe

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



58.6788, 56.9042, 68.2133



83.8533, 80.0356, 97.6792



58.0288, 65.0128, 70.9883



12.7914, 12.5681, 14.8419



20.2138, 10.0218, 18.9615



1.2544, 0.6186, 1.3293

Previews

White Background



This preview shows how the XYZ color 58.6772, 56.9017, 68.2121 looks on a white background.

Color Contrast Check

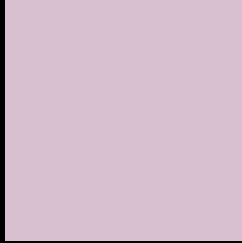
Large Text (above 18pt) WCAG AA × Fail

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 58.6772, 56.9017, 68.2121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

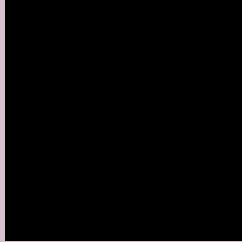
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6772, 56.9017, 68.2121

Background



This preview shows how black text looks on a background with the XYZ color 58.6772, 56.9017, 68.2121.



This preview shows how white text looks on a background with the XYZ color 58.6772, 56.9017,

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

58.6772, 56.9017, 68.2121

Protanopia

55.3665, 57.1474, 70.3998

Deuteranopia

58.3101, 57.0395, 68.2581



Tritanopia

58.4310, 56.8032, 66.9160

Trichromacy



Original Color

58.6772, 56.9017, 68.2121

Protanomaly

56.6746, 57.1621, 69.6743

Deuteranomaly

58.6029, 57.1905, 68.2718

Tritanomaly

58.5537, 56.8523, 67.5620

Monochromacy



Original Color

58.6772, 56.9017, 68.2121

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.5468, 57.8696, 65.3164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6772, 56.9017, 68.2121 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, 192, 209) looks like.

```
.text, #text, p{  
    color:rgb(216, 192, 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(216, 192, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 192, 209) }
```

Border

The CSS property to change the border of an element to XYZ 58.6772, 56.9017, 68.2121 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, 192, 209) }
```


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

```
.border{ border-color:rgb(216, 192, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 192, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 192, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 192, 209); box-shadow:4px 4px 4px 4px rgb(216, 192, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6772, 56.9017, 68.2121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 192, 209) }
```

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

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