

Converting Colors

XYZ(57.7914, 56.6872, 63.7481)

Have a look what the booklet for
XYZ(57.7914, 56.6872, 63.7481)
contains.

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Color

**XYZ(57.8292, 56.5625,
63.7468)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C0CA
RGB	216, 192, 202
RGB Percent	85%, 75%, 79%
CMY	0.1529, 0.2470, 0.2078
CMYK	0.00, 0.11, 0.06, 0.15
HSL	335°, 24%, 80%
HSV	335°, 11%, 85%
XYZ	57.8292, 56.5625, 63.7468
YIQ	200.3160, 11.0940, 8.1980

Conversions

Conversions Part 2

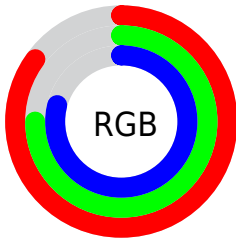
Format	Color
R _Y B	216, 192, 202
Decimal	14205130
CIE Lab	79.93, 10.18, -1.91
CIE LCh	80, 10.356, 349.364
Yxy	56.5625, 0.3246, 0.3175
Android (android.graphics.Color)	4292395210 (0xFFD8C0CA)
YUV	200.3160, 0.8302, 13.7549
Hunter-Lab	75.2080, 5.6387, 2.3911

Details

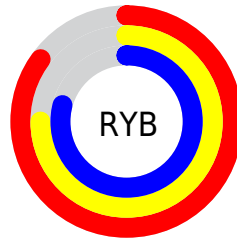
The XYZ color **57.8292, 56.5625, 63.7468** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4369, 64.7759, 67.8715**, and the grayscale version is **55.0861, 57.9548, 63.1128**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **29.2759, 28.1804, 31.9133** is the 20% darker color. If you saturate the color by 10%, you get **51.9987, 47.1922, 54.7400**, and if you desaturate by 10%, it is **64.4808, 67.3786, 73.6299**.

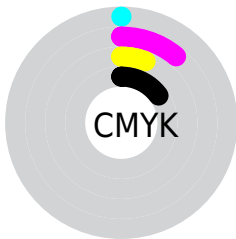
Distribution



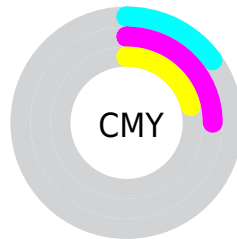
- Red (85%)
- Green (75%)
- Blue (79%)



- Red (85%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8292, 56.5625, 63.7468 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 57.8292, 56.5625, 63.7468 by changing the saturation by 10% instead.

■ 57.8292, 56.5625,
63.7468

■ 57.8292, 56.5625,
63.7468

406.5133,
411.8079, 456.4571

■ 41.9141, 40.6541,
46.0008

■ 100.7985, 99.8265,
111.8422

■ 29.2248, 28.0489,
31.8977

128.5834,
127.9510, 143.0286

■ 19.3961, 18.3625,
21.0192

161.0555,
160.9162, 179.5322

■ 12.0625, 11.2106,
12.9467

198.5804,
199.1066, 221.7715

■ 6.8588, 6.2087,
7.2615

241.5232,
242.9065, 270.1651

■ 3.4195, 2.9724,
3.5453

290.2494,

■ 1.3793, 1.1173,

292.7005, 325.1316

1.3794

345.1243,
348.8728, 387.0894

■ 0.2414, 0.0000,
0.1255

■ 0.0000, 0.0000,
0.0000

■ 57.8292, 56.5625,
63.7468

■ 57.8292, 56.5625,
63.7468

■ 51.9987, 47.1922,
54.7400

■ 64.4808, 67.3786,
73.6299

■ 46.9514, 39.1986,
46.5805

■ 71.9799, 79.6909,
84.4099

■ 42.6535, 32.5182,
39.2429

■ 79.7788, 92.3989,
95.9182

■ 39.0668, 27.0796,
32.6991

■ 81.7149, 93.1734,
106.1135

■ 36.1494, 22.8043,
26.9190

■ 82.1292, 93.3391,
108.2953

■ 33.8550, 19.6049,
21.8702

■ 32.1305, 17.3815,
17.5175

■ 30.9136, 16.0150,
13.8213

■ 30.1638, 15.3369,
11.0390

Harmonies

Analogous

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



56.8847, 56.5625, 69.4318



57.8292, 56.5625, 63.7468



57.6623, 56.5625, 57.8305

Triad

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



57.8292, 56.5625, 63.7468



52.4328, 56.5625, 51.3055



51.1731, 56.5625, 70.7889

Complementary

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



57.8292, 56.5625, 63.7468



57.4369, 64.7759, 67.8715

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.



50.0396, 56.5625, 65.5026



57.8292, 56.5625, 63.7468



50.7537, 56.5625, 54.3564

Square

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



57.8292, 56.5625, 63.7468



54.5099, 56.5625, 50.9032



49.8881, 56.5625, 59.4764



53.0189, 56.5625, 73.6699

Rectangle

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



57.8292, 56.5625, 63.7468



56.9446, 56.5625, 54.5377



49.8881, 56.5625, 59.4764



50.6982, 56.5625, 69.2189

Sweetspot

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



57.8308, 56.5650, 63.7480



91.9475, 94.9317, 104.3619



56.7000, 55.7817, 72.7450



19.5072, 20.0366, 22.0825



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.



57.8308, 56.5650, 63.7480



82.4123, 79.4593, 90.0913



57.1271, 56.9908, 57.8616



12.6357, 12.5058, 14.0217



17.9048, 9.0982, 6.8026



1.1207, 0.5651, 0.6248

Inverse Universe

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



57.8308, 56.5650, 63.7480



82.4123, 79.4593, 90.0913



58.1813, 64.2589, 74.3032



12.6357, 12.5058, 14.0217



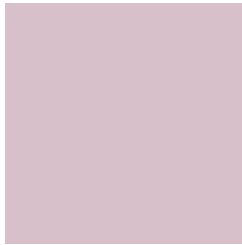
17.9048, 9.0982, 6.8026



1.1207, 0.5651, 0.6248

Previews

White Background



This preview shows how the XYZ color 57.8292, 56.5625, 63.7468 looks on a white background.

Color Contrast Check

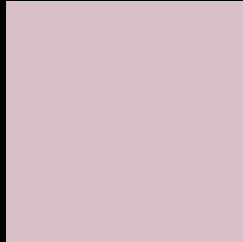
Large Text (above 18pt) WCAG AA × Fail

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 57.8292, 56.5625, 63.7468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

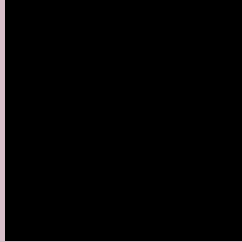
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8292, 56.5625, 63.7468

Background



This preview shows how black text looks on a background with the XYZ color 57.8292, 56.5625, 63.7468.



This preview shows how white text looks on a background with the XYZ color 57.8292, 56.5625,

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

57.8292, 56.5625, 63.7468

Protanopia

54.8051, 56.6196, 65.7978

Deuteranopia

57.8292, 56.5625, 63.7468



Tritanopia

58.3867, 56.4695, 66.2149

Trichromacy



Original Color

57.8292, 56.5625, 63.7468

Protanomaly

55.8678, 56.5117, 65.0900

Deuteranomaly

57.8292, 56.5625, 63.7468

Tritanomaly

58.2655, 56.4211, 65.5770

Monochromacy



Original Color

57.8292, 56.5625, 63.7468

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.9625, 57.2714, 63.3633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8292, 56.5625, 63.7468 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(216, 192, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 192, 202) }
```

Border

The CSS property to change the border of an element to XYZ 57.8292, 56.5625, 63.7468 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, 202) }
```


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

```
.border{ border-color:rgb(216, 192, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 192, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 192, 202);  
box-shadow:4px 4px 4px 4px rgb(216, 192,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8292, 56.5625, 63.7468 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, 202) }
```

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

```
.background{ background-color: rgb(216,  
192, 202) }
```

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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