

Converting Colors

XYZ(56.9515, 57.9169, 66.0394)

Have a look what the booklet for
XYZ(56.9515, 57.9169, 66.0394)
contains.

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Color

**XYZ(56.9457, 58.0613,
65.9632)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC6CD
RGB	207, 198, 205
RGB Percent	81%, 78%, 80%
CMY	0.1882, 0.2235, 0.1961
CMYK	0.00, 0.04, 0.01, 0.19
HSL	313°, 9%, 79%
HSV	313°, 4%, 81%
XYZ	56.9457, 58.0613, 65.9632
YIQ	201.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

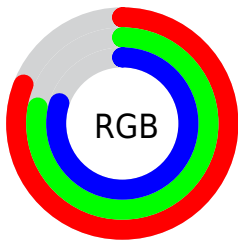
Format	Color
R _Y B	207, 198, 205
Decimal	13616845
CIE Lab	80.77, 4.39, -2.38
CIE LCh	81, 4.992, 331.526
Yxy	58.0613, 0.3147, 0.3208
Android (android.graphics.Color)	4291806925 (0xFFCFC6CD)
YUV	201.4890, 1.7309, 4.8331
Hunter-Lab	76.1980, 0.0535, 2.0123

Details

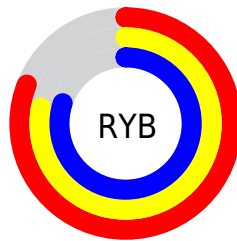
The XYZ color **56.9457, 58.0613, 65.9632** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0291, 60.8032, 63.4298**, and the grayscale version is **55.8105, 58.7170, 63.9428**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.6960, 28.9532, 33.3542** is the 20% darker color. If you saturate the color by 10%, you get **51.9870, 49.0192, 61.6101**, and if you desaturate by 10%, it is **62.5707, 68.4082, 70.6204**.

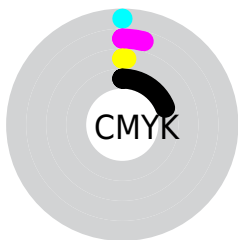
Distribution



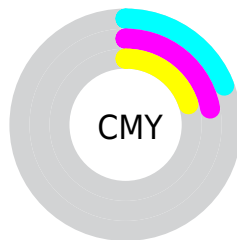
- Red (81%)
- Green (78%)
- Blue (80%)



- Red (81%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9457, 58.0613, 65.9632 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 56.9457, 58.0613, 65.9632 by changing the saturation by 10% instead.

■ 56.9457, 58.0613,
65.9632

■ 56.9457, 58.0613,
65.9632

403.2633,
417.4143, 464.6459

■ 41.2016, 41.8579,
47.7862

99.5178, 102.0121,
115.0600

■ 28.6650, 28.9901,
33.2988

127.0765,
130.5284, 146.8169

■ 18.9706, 19.0733,
22.0825

159.3041,
163.9177, 183.9376

■ 11.7529, 11.7233,
13.7186

196.5660,
202.5645, 226.8405

■ 6.6466, 6.5555,
7.7887

239.2275,
246.8531, 275.9443

■ 3.2865, 3.1857,
3.8742

287.6539,

■ 1.3070, 1.2294,

297.1681, 331.6674

1.5566

342.2108,
353.8937, 394.4284

■ 0.1885, 0.0856,
0.2596

■ 0.0000, 0.0000,
0.0000

■ 56.9457, 58.0613,
65.9632

■ 56.9457, 58.0613,
65.9632

■ 51.9870, 49.0192,
61.6101

■ 62.5707, 68.4082,
70.6204

■ 47.6634, 41.2222,
57.5480

■ 68.8817, 80.1017,
75.5870

■ 43.9487, 34.6172,
53.7680

■ 74.2535, 89.8900,
80.3224

■ 40.8127, 29.1441,
50.2596

■ 74.8673, 90.1355,
83.5544

■ 38.2227, 24.7379,
47.0110

■ 75.4979, 90.3878,
86.8754

■ 36.1428, 21.3268,
44.0095

■ 76.1456, 90.6468,
90.2859

■ 34.5325, 18.8301,
41.2410

■ 76.8104, 90.9128,
93.7867

■ 33.3450, 17.1545,
38.6891

■ 77.4925, 91.1856,
97.3785

■ 32.5236, 16.1867,
36.3341

■ 78.1919, 91.4654,
101.0619

Harmonies

Analogous

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



56.2281, 58.0613, 68.1805



56.9457, 58.0613, 65.9632



57.1901, 58.0613, 63.0679

Triad

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



56.9457, 58.0613, 65.9632



55.1328, 58.0613, 57.7141



53.5137, 58.0613, 66.2328

Complementary

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



56.9457, 58.0613, 65.9632



56.0291, 60.8032, 63.4298

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.



53.2283, 58.0613, 63.3701



56.9457, 58.0613, 65.9632



54.1559, 58.0613, 58.5040

Square

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



56.9457, 58.0613, 65.9632



56.1356, 58.0613, 58.3606



53.4620, 58.0613, 60.5518



54.2462, 58.0613, 68.3396

Rectangle

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



56.9457, 58.0613, 65.9632



57.0494, 58.0613, 61.1595



53.4620, 58.0613, 60.5518



53.3627, 58.0613, 65.3240

Sweetspot

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



56.9474, 58.0638, 65.9645



94.1507, 98.3473, 108.1506



55.2650, 57.1684, 67.1544



20.1616, 21.0678, 23.1566



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.



56.9474, 58.0638, 65.9645



90.6635, 91.9519, 105.2029



56.4179, 57.8520, 63.1766



12.6226, 12.7458, 14.6678



20.3011, 9.9933, 22.2897



1.1635, 0.5701, 1.3960

Inverse Universe

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



56.9474, 58.0638, 65.9645



90.6635, 91.9519, 105.2029



56.5566, 61.0142, 66.2078



12.6226, 12.7458, 14.6678



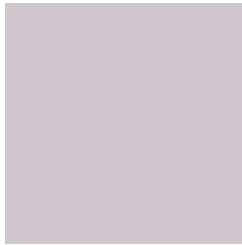
20.3011, 9.9933, 22.2897



1.1635, 0.5701, 1.3960

Previews

White Background



This preview shows how the XYZ color 56.9457, 58.0613, 65.9632 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 56.9457, 58.0613, 65.9632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

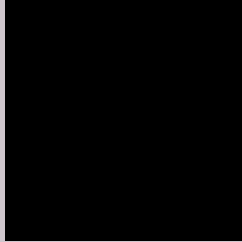
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

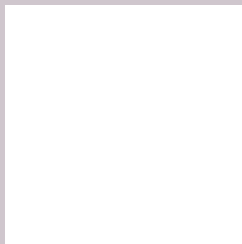
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9457, 58.0613, 65.9632

Background



This preview shows how black text looks on a background with the XYZ color 56.9457, 58.0613, 65.9632.



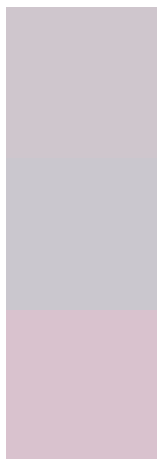
This preview shows how white text looks on a background with the XYZ color 56.9457, 58.0613,

65.9632.

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

56.9457, 58.0613, 65.9632

Protanopia

55.9211, 57.8596, 66.6132

Deuteranopia

59.0476, 57.7915, 66.4353



Tritanopia

57.8623, 58.0959, 70.4513

Trichromacy



Original Color

56.9457, 58.0613, 65.9632

Protanomaly

56.4658, 58.1404, 66.6387

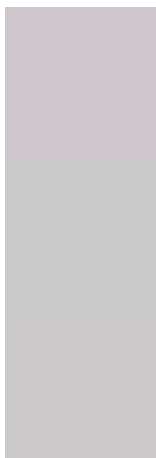
Deuteranomaly

58.0963, 57.6326, 66.4547

Tritanomaly

57.4873, 57.9459, 68.4764

Monochromacy



Original Color

56.9457, 58.0613, 65.9632

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.9435, 58.2693, 64.1757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9457, 58.0613, 65.9632 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(207, 198, 205) looks like.

```
.text, #text, p{  
    color:rgb(207, 198, 205)  
}
```

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(207, 198, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 198, 205) }
```

Border

The CSS property to change the border of an element to XYZ 56.9457, 58.0613, 65.9632 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(207, 198, 205) }
```


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

```
.border{ border-color:rgb(207, 198, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 198, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 198, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 198, 205);  
box-shadow:4px 4px 4px 4px rgb(207, 198,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9457, 58.0613, 65.9632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 198, 205) }
```

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

```
.background{ background-color: rgb(207,  
198, 205) }
```

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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