

Converting Colors

XYZ(56.2638, 56.9277, 64.6178)

Have a look what the booklet for
XYZ(56.2638, 56.9277, 64.6178)
contains.

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Color

**XYZ(56.2515, 57.0571,
64.5482)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CFC4CB |
| RGB | 207, 196, 203 |
| RGB Percent | 81%, 77%, 80% |
| CMY | 0.1882, 0.2314, 0.2039 |
| CMYK | 0.00, 0.05, 0.02, 0.19 |
| HSL | 322°, 10%, 79% |
| HSV | 322°, 5%, 81% |
| XYZ | 56.2515, 57.0571, 64.5482 |
| YIQ | 200.0870, 4.3090, 4.5090 |

Conversions

Conversions Part 2

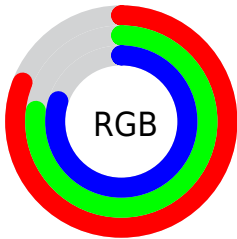
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 207, 196, 203 |
| Decimal | 13616331 |
| CIE Lab | 80.21, 5.09, -2.13 |
| CIE LCh | 80, 5.515, 337.293 |
| Yxy | 57.0571, 0.3163, 0.3208 |
| Android (android.graphics.Color) | 4291806411 (0xFFCFC4CB) |
| YUV | 200.0870, 1.4361, 6.0627 |
| Hunter-Lab | 75.5362, 0.7400, 2.2100 |

Details

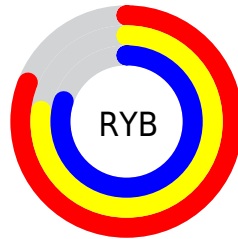
The XYZ color **56.2515, 57.0571, 64.5482** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5052, 60.5329, 63.4051**, and the grayscale version is **54.9443, 57.8056, 62.9503**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **28.2347, 28.2882, 32.4058** is the 20% darker color. If you saturate the color by 10%, you get **51.0256, 48.0059, 58.4865**, and if you desaturate by 10%, it is **62.1685, 67.4191, 71.0567**.

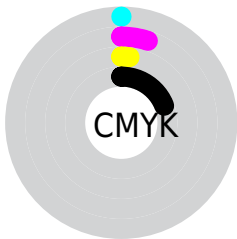
Distribution



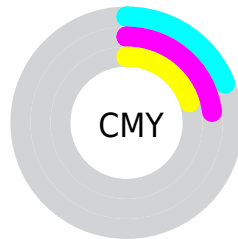
- Red (81%)
- Green (77%)
- Blue (80%)



- Red (81%)
- Yellow (77%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2515, 57.0571, 64.5482 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 56.2515, 57.0571, 64.5482 by changing the saturation by 10% instead.

■ 56.2515, 57.0571,
64.5482

■ 56.2515, 57.0571,
64.5482

400.6983,
413.6632, 459.4283

■ 40.6424, 41.0511,
46.6458

98.5099, 100.5485,
113.0071

■ 28.2262, 28.3590,
32.4034

125.8899,
128.8027, 144.4007

■ 18.6376, 18.5965,
21.4024

157.9242,
161.9084, 181.1284

■ 11.5111, 11.3791,
13.2244

194.9782,
200.2499, 223.6089

■ 6.4816, 6.3224,
7.4507

237.4173,
244.2118, 272.2605

■ 3.1835, 3.0421,
3.6628

285.6067,

■ 1.2515, 1.1537,

294.1784, 327.5020

1.4423

339.9119,
350.5341, 389.7517

■ 0.1465, 0.0234,
0.1744

■ 0.0000, 0.0000,
0.0000

■ 56.2515, 57.0571,
64.5482

■ 56.2515, 57.0571,
64.5482

■ 51.0256, 48.0059,
58.4865

■ 62.1685, 67.4191,
71.0567

■ 46.4589, 40.2053,
52.8559

■ 68.7969, 79.1340,
78.0196

■ 42.5247, 33.6016,
47.6450

■ 75.1637, 90.2541,
85.1162

■ 39.1919, 28.1341,
42.8405

■ 76.2175, 90.6756,
90.6656

■ 36.4271, 23.7370,
38.4278

■ 77.3173, 91.1155,
96.4568

■ 34.1935, 20.3376,
34.3915

■ 78.4635, 91.5740,
102.4928

■ 32.4495, 17.8538,
30.7142

■ 79.5424, 92.0055,
108.1743

■ 31.1470, 16.1907,
27.3765

■ 30.2274, 15.2321,
24.3553

Harmonies

Analogous

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



55.5525, 57.0571, 67.1864



56.2515, 57.0571, 64.5482



56.4055, 57.0571, 61.3422

Triad

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



56.2515, 57.0571, 64.5482



53.9569, 57.0571, 56.1798



52.5280, 57.0571, 65.9558

Complementary

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



56.2515, 57.0571, 64.5482



55.5052, 60.5329, 63.4051

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.



52.1132, 57.0571, 62.9154



56.2515, 57.0571, 64.5482



52.9307, 57.0571, 57.3253

Square

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



56.2515, 57.0571, 64.5482



55.0705, 57.0571, 56.5830



52.2596, 57.0571, 59.7642



53.4002, 57.0571, 68.0186

Rectangle

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



56.2515, 57.0571, 64.5482



56.1766, 57.0571, 59.3274



52.2596, 57.0571, 59.7642



52.3310, 57.0571, 65.0102

Sweetspot

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



56.2531, 57.0596, 64.5494



93.1473, 96.6702, 106.7994



54.7840, 56.2464, 67.0013



19.9573, 20.7263, 22.8816



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.



56.2531, 57.0596, 64.5494



89.4786, 90.2704, 102.6863



55.6267, 56.8090, 61.2508



12.4618, 12.5254, 14.3021



18.8705, 9.4210, 14.7561



1.0925, 0.5417, 1.0219

Inverse Universe

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



56.2531, 57.0596, 64.5494



89.4786, 90.2704, 102.6863



56.1413, 60.7874, 66.7546



12.4618, 12.5254, 14.3021



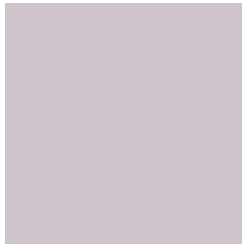
18.8705, 9.4210, 14.7561



1.0925, 0.5417, 1.0219

Previews

White Background



This preview shows how the XYZ color 56.2515, 57.0571, 64.5482 looks on a white background.

Color Contrast Check

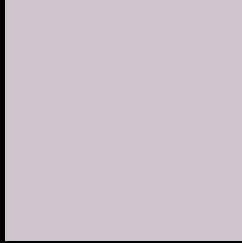
Large Text (above 18pt) WCAG AA × Fail

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 56.2515, 57.0571, 64.5482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

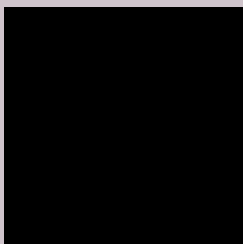
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

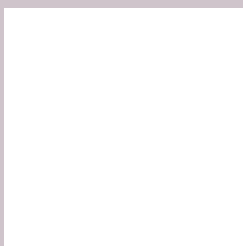
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2515, 57.0571, 64.5482

Background



This preview shows how black text looks on a background with the XYZ color 56.2515, 57.0571, 64.5482.

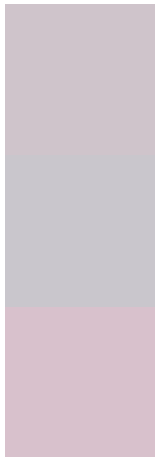


This preview shows how white text looks on a background with the XYZ color 56.2515, 57.0571,

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

56.2515, 57.0571, 64.5482

Protanopia

55.1806, 57.1653, 65.2524

Deuteranopia

58.2879, 57.0985, 65.0757



Tritanopia

57.1604, 57.0933, 68.9802

Trichromacy



Original Color

56.2515, 57.0571, 64.5482

Protanomaly

55.4939, 56.9886, 65.2018

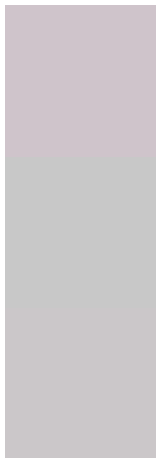
Deuteranomaly

57.6314, 57.0893, 65.1086

Tritanomaly

56.7900, 56.9451, 67.0298

Monochromacy



Original Color

56.2515, 57.0571, 64.5482

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.5946, 57.7604, 63.4771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2515, 57.0571, 64.5482 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, 196, 203)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 203)  
}
```

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, 196, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 203) }
```

Border

The CSS property to change the border of an element to XYZ 56.2515, 57.0571, 64.5482 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, 196, 203) }
```


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

```
.border{ border-color:rgb(207, 196, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 196, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 203);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2515, 57.0571, 64.5482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 203) }
```

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

```
.background{ background-color: rgb(207,  
196, 203) }
```

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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