

Converting Colors

XYZ(56.4334, 58.2948, 64.8676)

Have a look what the booklet for
XYZ(56.4334, 58.2948, 64.8676)
contains.

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Color

**XYZ(56.3798, 58.1378,
64.7501)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC7CB
RGB	205, 199, 203
RGB Percent	80%, 78%, 80%
CMY	0.1961, 0.2196, 0.2039
CMYK	0.00, 0.03, 0.01, 0.20
HSL	320°, 6%, 79%
HSV	320°, 3%, 80%
XYZ	56.3798, 58.1378, 64.7501
YIQ	201.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

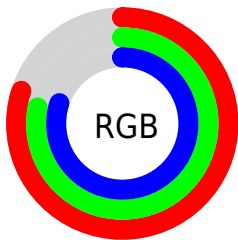
Format	Color
R _Y B	205, 199, 203
Decimal	13486027
CIE Lab	80.82, 2.80, -1.26
CIE LCh	81, 3.076, 335.754
Yxy	58.1378, 0.3145, 0.3243
Android (android.graphics.Color)	4291676107 (0xFFC7DC7CB)
YUV	201.2500, 0.8628, 3.2888
Hunter-Lab	76.2481, -1.4469, 3.0245

Details

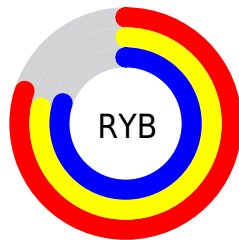
The XYZ color **56.3798, 58.1378, 64.7501** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9294, 60.0234, 63.8993**, and the grayscale version is **55.6676, 58.5667, 63.7791**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.3127, 29.0000, 32.5391** is the 20% darker color. If you saturate the color by 10%, you get **51.1807, 49.0144, 59.0856**, and if you desaturate by 10%, it is **62.2535, 68.5514, 70.8183**.

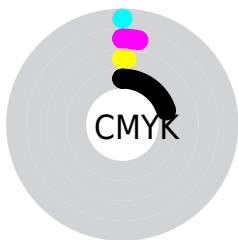
Distribution



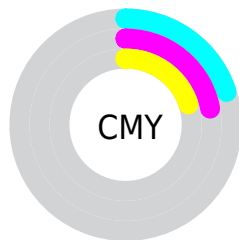
- Red (80%)
- Green (78%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3798, 58.1378, 64.7501 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 56.3798, 58.1378, 64.7501 by changing the saturation by 10% instead.

■ 56.3798, 58.1378,
64.7501

■ 56.3798, 58.1378,
64.7501

401.1731,
417.6992, 460.1750

■ 40.7457, 41.9194,
46.8084

98.6963, 102.1235,
113.3003

■ 28.3072, 29.0382,
32.5310

126.1093,
130.6596, 144.7460

■ 18.6990, 19.1097,
21.4992

158.1795,
164.0705, 181.5300

■ 11.5557, 11.7496,
13.2946

195.2720,
202.7404, 224.0710

■ 6.5120, 6.5734,
7.4986

237.7522,
247.0539, 272.7874

■ 3.2024, 3.1968,
3.6927

285.9856,

■ 1.2617, 1.2353,

297.3952, 328.0979

1.4583

340.3374,
354.1489, 390.4209

■ 0.1543, 0.0903,
0.1866

■ 0.0000, 0.0000,
0.0000

■ 56.3798, 58.1378,
64.7501

■ 56.3798, 58.1378,
64.7501

■ 51.1807, 49.0144,
59.0856

■ 62.2535, 68.5514,
70.8183

■ 46.6257, 41.1229,
53.8101

■ 68.8212, 80.2955,
77.2966

■ 42.6889, 34.4121,
48.9134

■ 74.3260, 89.8548,
83.6023

■ 39.3410, 28.8237,
44.3836

■ 75.2696, 90.2323,
88.5716

36.5502, 24.2950,
40.2074

76.2510, 90.6248,
93.7393

34.2814, 20.7566,
36.3708

77.2705, 91.0326,
99.1078

32.4955, 18.1310,
32.8582

78.3285, 91.4558,
104.6792

31.1475, 16.3293,
29.6522

78.9872, 91.7193,
108.1483

30.1834, 15.2440,
26.7319

Harmonies

Analogous

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



55.9752, 58.1378, 66.1846



56.3798, 58.1378, 64.7501



56.4829, 58.1378, 62.9520

Triad

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



56.3798, 58.1378, 64.7501



55.1358, 58.1378, 59.8840



54.2726, 58.1378, 65.3689

Complementary

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



56.3798, 58.1378, 64.7501



55.9294, 60.0234, 63.8993

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.



54.0514, 58.1378, 63.6536



56.3798, 58.1378, 64.7501



54.5474, 58.1378, 60.5046

Square

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



56.3798, 58.1378, 64.7501



55.7615, 58.1378, 60.1649



54.1516, 58.1378, 61.8760



54.7580, 58.1378, 66.5467

Rectangle

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



56.3798, 58.1378, 64.7501



56.3660, 58.1378, 61.7939



54.1516, 58.1378, 61.8760



54.1650, 58.1378, 64.8348

Sweetspot

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



56.3815, 58.1403, 64.7514



94.1052, 98.3291, 107.9110



55.5326, 57.6750, 65.9641



20.1524, 21.0641, 23.1079



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.



56.3815, 58.1403, 64.7514



91.3389, 93.4467, 104.9847



56.0276, 57.9988, 62.8881



12.0597, 12.2816, 13.8676



18.5134, 9.2160, 15.6883



0.9894, 0.4892, 0.9901

Inverse Universe

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



56.3815, 58.1403, 64.7514



91.3389, 93.4467, 104.9847



56.2855, 60.1659, 65.7746



12.0597, 12.2816, 13.8676



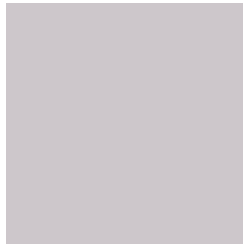
18.5134, 9.2160, 15.6883



0.9894, 0.4892, 0.9901

Previews

White Background



This preview shows how the XYZ color 56.3798, 58.1378, 64.7501 looks on a white background.

Color Contrast Check

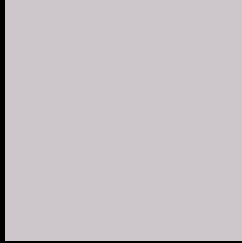
Large Text (above 18pt) WCAG AA × Fail

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 56.3798, 58.1378, 64.7501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

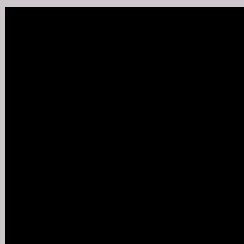
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

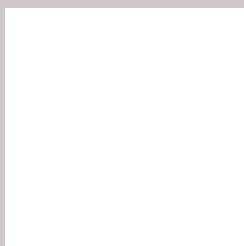
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3798, 58.1378, 64.7501

Background



This preview shows how black text looks on a background with the XYZ color 56.3798, 58.1378, 64.7501.

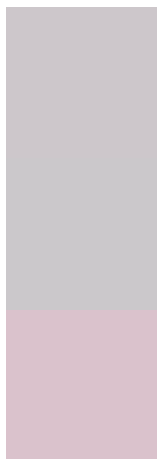


This preview shows how white text looks on a background with the XYZ color 56.3798, 58.1378,

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

56.3798, 58.1378, 64.7501

Protanopia

56.0624, 58.3169, 64.8014

Deuteranopia

59.1043, 57.8486, 65.1775



Tritanopia

57.7086, 58.0020, 71.1047

Trichromacy



Original Color

56.3798, 58.1378, 64.7501

Protanomaly

56.3356, 58.4577, 64.8142

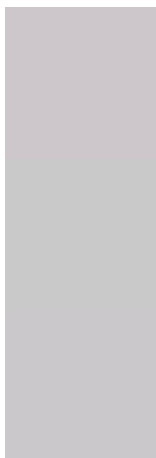
Deuteranomaly

58.0796, 57.9856, 65.2580

Tritanomaly

57.1563, 58.1134, 68.5262

Monochromacy



Original Color

56.3798, 58.1378, 64.7501

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6721, 58.1294, 64.1630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3798, 58.1378, 64.7501 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(205, 199, 203) looks like.

```
.text, #text, p{  
    color:rgb(205, 199, 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(205, 199, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 199, 203) }
```

Border

The CSS property to change the border of an element to XYZ 56.3798, 58.1378, 64.7501 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(205, 199, 203) }
```


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

```
.border{ border-color:rgb(205, 199, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 199, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 199, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 199, 203);  
box-shadow:4px 4px 4px 4px rgb(205, 199,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3798, 58.1378, 64.7501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 199, 203) }
```

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

```
.background{ background-color: rgb(205,  
199, 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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