

Converting Colors

XYZ(56.7259, 58.4370, 62.4455)

Have a look what the booklet for
XYZ(56.7259, 58.4370, 62.4455)
contains.

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Color

**XYZ(56.7447, 58.3803,
62.3106)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C7C7
RGB	208, 199, 199
RGB Percent	82%, 78%, 78%
CMY	0.1843, 0.2196, 0.2196
CMYK	0.00, 0.04, 0.04, 0.18
HSL	0°, 9%, 80%
HSV	0°, 4%, 82%
XYZ	56.7447, 58.3803, 62.3106
YIQ	201.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

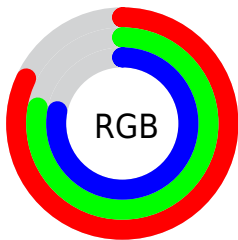
Format	Color
R _Y B	208, 199, 199
Decimal	13682631
CIE Lab	80.95, 3.13, 1.11
CIE LCh	81, 3.320, 19.496
Yxy	58.3803, 0.3198, 0.3290
Android (android.graphics.Color)	4291872711 (0xFFD0C7C7)
YUV	201.6910, -1.3267, 5.5330
Hunter-Lab	76.4070, -1.1468, 5.1334

Details

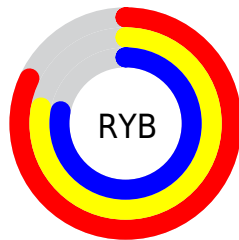
The XYZ color **56.7447, 58.3803, 62.3106** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4942, 61.8071, 68.5750**, and the grayscale version is **55.9536, 58.8675, 64.1067**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.5627, 29.1652, 30.9121** is the 20% darker color. If you saturate the color by 10%, you get **50.0318, 48.5582, 48.9612**, and if you desaturate by 10%, it is **64.4447, 69.6467, 77.6190**.

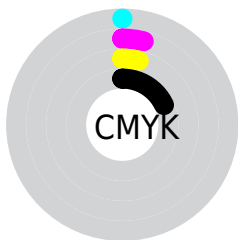
Distribution



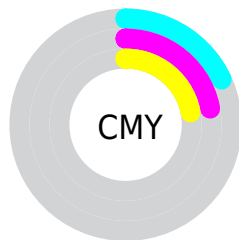
- Red (82%)
- Green (78%)
- Blue (78%)



- Red (82%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7447, 58.3803, 62.3106 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 56.7447, 58.3803, 62.3106 by changing the saturation by 10% instead.

■ 56.7447, 58.3803,
62.3106

■ 56.7447, 58.3803,
62.3106

402.5216,
418.6015, 451.1020

■ 41.0396, 42.1145,
44.8463

99.2261, 102.4765,
109.7503

■ 28.5379, 29.1909,
30.9943

126.7331,
131.0756, 140.5627

■ 18.8740, 19.2253,
20.3361

158.9049,
164.5546, 176.6616

■ 11.6828, 11.8332,
12.4531

196.1067,
203.2978, 218.4655

■ 6.5987, 6.6302,
6.9268

238.7039,
247.6898, 266.3930

■ 3.2565, 3.2319,
3.3386

287.0619,

■ 1.2908, 1.2540,

298.1148, 320.8625

1.2700

341.5460,
354.9572, 382.2927

■ 0.1763, 0.1051,
0.0370

■ 0.0000, 0.0000,
0.0000

■ 56.7447, 58.3803,
62.3106

■ 56.7447, 58.3803,
62.3106

■ 50.0318, 48.5582,
48.9612

■ 64.4447, 69.6467,
77.6190

■ 44.2613, 40.1149,
37.4883

■ 73.1642, 82.4045,
94.9570

■ 39.3927, 32.9910,
27.8088

■ 79.8228, 92.1501,
108.1874

■ 35.3803, 27.1198,
19.8322

■ 32.1747, 22.4290,
13.4601

■ 29.7214, 18.8388,
8.5838

■ 27.9589, 16.2594,
5.0814

■ 26.8165, 14.5872,
2.8119

■ 26.2079, 13.6962,
1.6038

Harmonies

Analogous

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



56.7992, 58.3803, 64.2592



56.7447, 58.3803, 62.3106



56.3521, 58.3803, 60.7297

Triad

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



56.7447, 58.3803, 62.3106



54.4893, 58.3803, 61.1379



55.2480, 58.3803, 67.3633

Complementary

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



56.7447, 58.3803, 62.3106



57.4942, 61.8071, 68.5750

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.



54.6342, 58.3803, 66.4897



56.7447, 58.3803, 62.3106



54.1986, 58.3803, 62.8782

Square

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



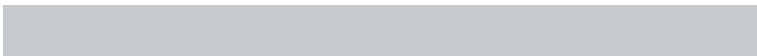
56.7447, 58.3803, 62.3106



55.0485, 58.3803, 60.0624



54.2514, 58.3803, 64.8386



55.9312, 58.3803, 67.2037

Rectangle

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



56.7447, 58.3803, 62.3106



55.9532, 58.3803, 60.0844



54.2514, 58.3803, 64.8386



55.0268, 58.3803, 67.1800

Sweetspot

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



56.7463, 58.3828, 62.3119



93.8343, 98.2213, 106.4828



57.8219, 58.8117, 67.9796



20.0972, 21.0421, 22.8172



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.



56.7463, 58.3828, 62.3119



89.1327, 91.3421, 97.1344



57.7963, 60.4827, 62.6618



12.3846, 12.6509, 13.4131



16.2131, 8.3593, 0.7590



0.9067, 0.4677, 0.0425

Inverse Universe

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



57.4942, 61.8071, 68.5750



90.5122, 97.6583, 108.6872



56.4134, 59.6455, 68.2148



12.5993, 13.6340, 15.2112



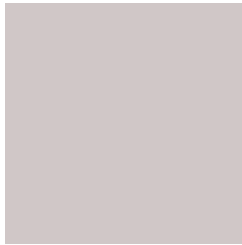
21.1415, 30.9296, 42.0482



1.1822, 1.7297, 2.3511

Previews

White Background



This preview shows how the XYZ color 56.7447, 58.3803, 62.3106 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 56.7447, 58.3803, 62.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

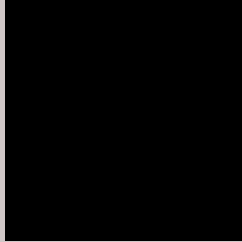
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

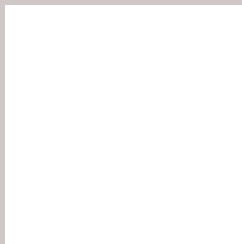
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7447, 58.3803, 62.3106

Background



This preview shows how black text looks on a background with the XYZ color 56.7447, 58.3803, 62.3106.

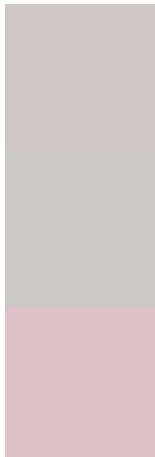


This preview shows how white text looks on a background with the XYZ color 56.7447, 58.3803,

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

56.7447, 58.3803, 62.3106

Protanopia

56.2564, 58.4578, 62.9620

Deuteranopia

59.7592, 58.5725, 62.7996



Tritanopia

58.4283, 58.3876, 70.4778

Trichromacy



Original Color

56.7447, 58.3803, 62.3106

Protanomaly

56.5332, 58.6005, 62.9750

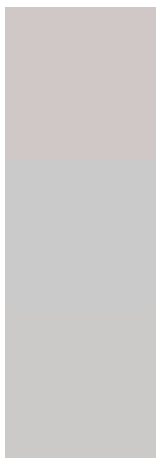
Deuteranomaly

58.4842, 58.2489, 62.8043

Tritanomaly

57.7511, 58.4485, 67.2694

Monochromacy



Original Color

56.7447, 58.3803, 62.3106

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.3311, 58.8277, 63.6443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7447, 58.3803, 62.3106 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(208, 199, 199) looks like.

```
.text, #text, p{  
    color:rgb(208, 199, 199)  
}
```

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(208, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 199, 199) }
```

Border

The CSS property to change the border of an element to XYZ 56.7447, 58.3803, 62.3106 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(208, 199, 199) }
```


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

```
.border{ border-color:rgb(208, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(208, 199,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7447, 58.3803, 62.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 199, 199) }
```

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

```
.background{ background-color: rgb(208,  
199, 199) }
```

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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