

Converting Colors

XYZ(56.1640, 57.2583, 62.3318)

Have a look what the booklet for
XYZ(56.1640, 57.2583, 62.3318)
contains.

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Color

**XYZ(56.2875, 57.4659,
62.1582)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C5C7
RGB	208, 197, 199
RGB Percent	82%, 77%, 78%
CMY	0.1843, 0.2274, 0.2196
CMYK	0.00, 0.05, 0.04, 0.18
HSL	349°, 10%, 79%
HSV	349°, 5%, 82%
XYZ	56.2875, 57.4659, 62.1582
YIQ	200.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

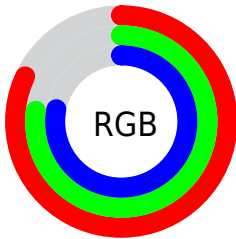
Format	Color
R _Y B	208, 197, 199
Decimal	13682119
CIE Lab	80.44, 4.19, 0.37
CIE LCh	80, 4.205, 4.995
Yxy	57.4659, 0.3200, 0.3267
Android (android.graphics.Color)	4291872199 (0xFFD0C5C7)
YUV	200.5170, -0.7479, 6.5626
Hunter-Lab	75.8063, -0.1215, 4.4489

Details

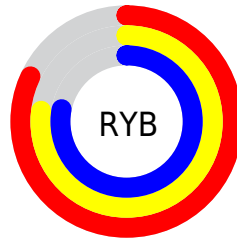
The XYZ color **56.2875, 57.4659, 62.1582** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7246, 61.4398, 67.2649**, and the grayscale version is **55.2218, 58.0976, 63.2683**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **28.2597, 28.5593, 30.8111** is the 20% darker color. If you saturate the color by 10%, you get **50.0195, 47.9176, 50.8566**, and if you desaturate by 10%, it is **63.4316, 68.4110, 74.8442**.

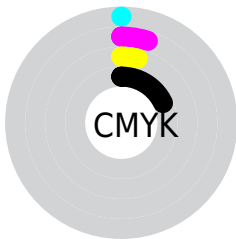
Distribution



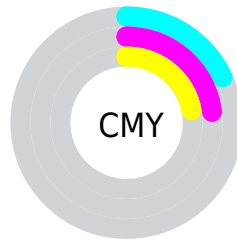
- Red (82%)
- Green (77%)
- Blue (78%)



- Red (82%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2875, 57.4659, 62.1582 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 56.2875, 57.4659, 62.1582 by changing the saturation by 10% instead.

■ 56.2875, 57.4659,
62.1582

■ 56.2875, 57.4659,
62.1582

400.8316,
415.1928, 450.5315

■ 40.6714, 41.3794,
44.7239

98.5622, 101.1447,
109.5280

■ 28.2489, 28.6157,
30.8987

125.9515,
129.5058, 140.3005

■ 18.6548, 18.7903,
20.2639

157.9958,
162.7272, 176.3563

■ 11.5236, 11.5188,
12.4010

195.0606,
201.1933, 218.1137

■ 6.4901, 6.4170,
6.8916

237.5113,
245.2885, 265.9914

■ 3.1888, 3.1002,
3.3170

285.7131,

■ 1.2544, 1.1843,

295.3972, 320.4079

1.2587

340.0314,
351.9039, 381.7818

■ 0.1487, 0.0488,
0.0276

■ 0.0000, 0.0000,
0.0000

■ 56.2875, 57.4659,
62.1582

■ 56.2875, 57.4659,
62.1582

■ 50.0195, 47.9176,
50.8566

■ 63.4316, 68.4110,
74.8442

■ 44.5889, 39.7026,
40.8887

■ 71.4788, 80.7981,
88.9555

■ 39.9615, 32.7638,
32.2060

■ 79.0395, 91.8368,
104.0624

■ 36.0985, 27.0368,
24.7557

■ 79.8228, 92.1501,
108.1874

■ 32.9581, 22.4518,
18.4813

■ 30.4945, 18.9317,
13.3219

■ 28.6563, 16.3900,
9.2109

■ 27.3845, 14.7263,
6.0743

■ 26.6082, 13.8185,
3.8278

Harmonies

Analogous

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



56.1356, 57.4659, 64.5986



56.2875, 57.4659, 62.1582



55.9887, 57.4659, 59.8875

Triad

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



56.2875, 57.4659, 62.1582



53.6745, 57.4659, 58.7619



53.9220, 57.4659, 66.9719

Complementary

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



56.2875, 57.4659, 62.1582



56.7246, 61.4398, 67.2649

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.



53.2730, 57.4659, 65.3326



56.2875, 57.4659, 62.1582



53.1312, 57.4659, 60.5855

Square

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



56.2875, 57.4659, 62.1582



54.4754, 57.4659, 57.9598



52.9850, 57.4659, 62.9848



54.7641, 57.4659, 67.4196

Rectangle

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



56.2875, 57.4659, 62.1582



55.5760, 57.4659, 58.7624



52.9850, 57.4659, 62.9848



53.6743, 57.4659, 66.5399

Sweetspot

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



56.2891, 57.4684, 62.1594



92.7797, 96.5231, 104.8638



56.8022, 57.6086, 67.8011



19.8825, 20.6963, 22.4875



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.



56.2891, 57.4684, 62.1594



88.4107, 89.8432, 97.0629



56.8587, 58.9761, 61.2130



12.3003, 12.4608, 13.4513



16.4539, 8.4544, 2.0305



0.9471, 0.4835, 0.2561

Inverse Universe

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



56.2891, 57.4684, 62.1594



88.4107, 89.8432, 97.0629



56.1290, 59.8580, 68.2708



12.3003, 12.4608, 13.4513



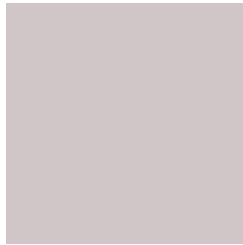
16.4539, 8.4544, 2.0305



0.9471, 0.4835, 0.2561

Previews

White Background



This preview shows how the XYZ color 56.2875, 57.4659, 62.1582 looks on a white background.

Color Contrast Check

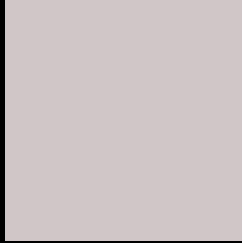
Large Text (above 18pt) WCAG AA × Fail

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 56.2875, 57.4659, 62.1582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

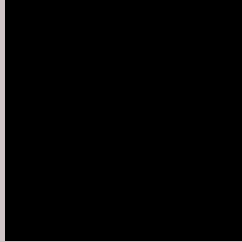
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

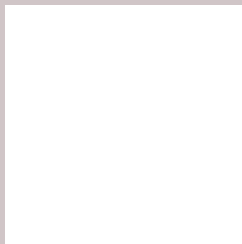
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2875, 57.4659, 62.1582

Background



This preview shows how black text looks on a background with the XYZ color 56.2875, 57.4659, 62.1582.

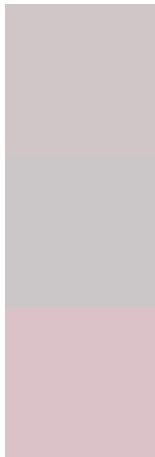


This preview shows how white text looks on a background with the XYZ color 56.2875, 57.4659,

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

56.2875, 57.4659, 62.1582

Protanopia

55.4774, 57.7135, 62.8594

Deuteranopia

58.7087, 57.3701, 62.6228



Tritanopia

57.8513, 57.4350, 69.6650

Trichromacy



Original Color

56.2875, 57.4659, 62.1582

Protanomaly

55.7962, 57.5374, 62.8086

Deuteranomaly

57.7414, 57.2008, 62.6411

Tritanomaly

57.2969, 57.5402, 67.1180

Monochromacy



Original Color

56.2875, 57.4659, 62.1582

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.9814, 58.3161, 62.9492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2875, 57.4659, 62.1582 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, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(208, 197, 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, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 197, 199) }
```

Border

The CSS property to change the border of an element to XYZ 56.2875, 57.4659, 62.1582 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, 197, 199) }
```


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

```
.border{ border-color:rgb(208, 197, 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, 197, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(208, 197,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2875, 57.4659, 62.1582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 197, 199) }
```

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

```
.background{ background-color: rgb(208,  
197, 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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