

Converting Colors

XYZ(56.6910, 58.3318, 60.3162)

Have a look what the booklet for
XYZ(56.6910, 58.3318, 60.3162)
contains.

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Color

**XYZ(56.6817, 58.3877,
60.5071)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C7C4
RGB	209, 199, 196
RGB Percent	82%, 78%, 77%
CMY	0.1804, 0.2196, 0.2314
CMYK	0.00, 0.05, 0.06, 0.18
HSL	14°, 12%, 79%
HSV	14°, 6%, 82%
XYZ	56.6817, 58.3877, 60.5071
YIQ	201.6480, 6.9230, 1.1870

Conversions

Conversions Part 2

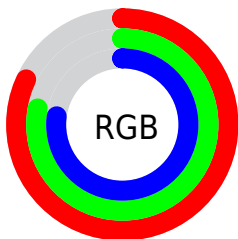
Format	Color
R_{YB}	209, 200, 196
Decimal	13748164
CIE _{Lab}	80.95, 2.96, 2.73
CIE _{LCh}	81, 4.026, 42.753
Yxy	58.3877, 0.3228, 0.3325
Android (android.graphics.Color)	4291938244 (0xFFD1C7C4)
YUV	201.6480, -2.7845, 6.4477
Hunter-Lab	76.4118, -1.3108, 6.5392

Details

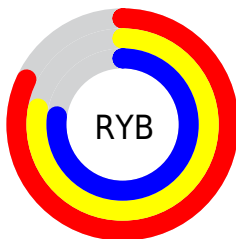
The XYZ color **56.6817, 58.3877, 60.5071** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3447, 60.4807, 69.0265**, and the grayscale version is **55.9349, 58.8479, 64.0853**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **28.5255, 29.1724, 29.7186** is the 20% darker color. If you saturate the color by 10%, you get **50.9625, 50.4944, 47.6701**, and if you desaturate by 10%, it is **63.1261, 67.1997, 75.2223**.

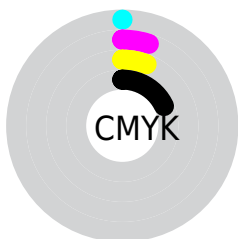
Distribution



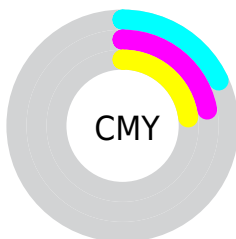
- Red (82%)
- Green (78%)
- Blue (77%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6817, 58.3877, 60.5071 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 56.6817, 58.3877, 60.5071 by changing the saturation by 10% instead.

■ 56.6817, 58.3877,
60.5071

■ 56.6817, 58.3877,
60.5071

402.2890,
418.6290, 444.3208

■ 40.9889, 42.1204,
43.3995

99.1346, 102.4872,
107.1155

■ 28.4980, 29.1956,
29.8650

126.6255,
131.0883, 137.4534

■ 18.8438, 19.2288,
19.4850

158.7797,
164.5693, 173.0385

■ 11.6608, 11.8357,
11.8409

195.9627,
203.3148, 214.2893

■ 6.5837, 6.6319,
6.5142

238.5397,
247.7092, 261.6244

■ 3.2471, 3.2330,
3.0864

286.8762,

■ 1.2858, 1.2546,

298.1367, 315.4624

1.1389

341.3375,
354.9819, 376.2217

■ 0.1725, 0.1056,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6817, 58.3877,
60.5071

■ 56.6817, 58.3877,
60.5071

■ 50.9625, 50.4944,
47.6701

■ 63.1261, 67.1997,
75.2223

■ 45.9380, 43.4826,
36.6316

■ 70.3153, 76.9510,
91.8832

■ 41.5825, 37.3237,
27.3121

■ 77.6722, 87.4303,
107.3897

■ 37.8669, 31.9846,
19.6244

■ 80.1047, 92.2954,
108.2006

■ 34.7601, 27.4301,
13.4737

■ 32.2279, 23.6224,
8.7553

■ 30.2326, 20.5203,
5.3513

■ 28.7317, 18.0785,
3.1247

■ 27.6743, 16.2454,
1.9039

Harmonies

Analogous

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



57.0747, 58.3877, 62.5658



56.6817, 58.3877, 60.5071



55.9726, 58.3877, 59.2880

Triad

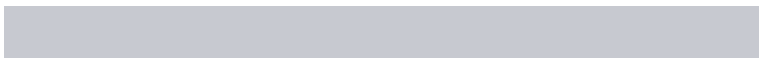
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.6817, 58.3877, 60.5071



53.9782, 58.3877, 62.2222



55.8505, 58.3877, 68.1600

Complementary

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



56.6817, 58.3877, 60.5071



56.3447, 60.4807, 69.0265

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.



55.0216, 58.3877, 68.0624



56.6817, 58.3877, 60.5071



53.9462, 58.3877, 64.5936

Square

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



56.6817, 58.3877, 60.5071



54.4142, 58.3877, 60.2610



54.3265, 58.3877, 66.7434



56.5916, 58.3877, 67.0068

Rectangle

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



56.6817, 58.3877, 60.5071



55.4188, 58.3877, 59.0961



54.3265, 58.3877, 66.7434



55.5728, 58.3877, 68.2732

Sweetspot

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



56.6833, 58.3902, 60.5084



93.0013, 97.1992, 104.2199



57.1980, 57.5012, 66.5942



19.9276, 20.8340, 22.3564



0.0000, 0.0000, 0.0000



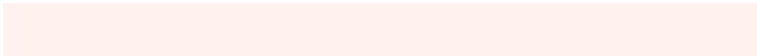
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.6833, 58.3902, 60.5084



88.0846, 90.4564, 93.0530



58.1661, 61.3558, 61.0026



12.2717, 12.5816, 12.8930



16.9342, 9.8015, 0.9993



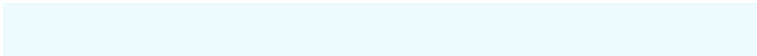
1.0088, 0.6720, 0.0765

Inverse Universe

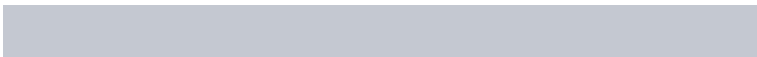
The Inverse Universe completely reimagines the original color for something new.



56.3447, 60.4807, 69.0265



87.4835, 94.1670, 108.1729



54.8554, 57.5021, 68.5300



12.1825, 13.1321, 15.1363



15.0006, 18.6478, 40.0013



0.8965, 1.1583, 2.2559

Previews

White Background



This preview shows how the XYZ color 56.6817, 58.3877, 60.5071 looks on a white background.

Color Contrast Check

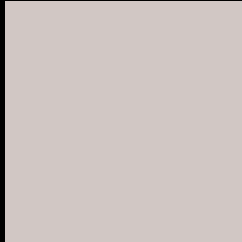
Large Text (above 18pt) WCAG AA × Fail

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 56.6817, 58.3877, 60.5071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

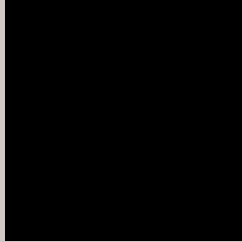
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6817, 58.3877, 60.5071

Background



This preview shows how black text looks on a background with the XYZ color 56.6817, 58.3877, 60.5071.

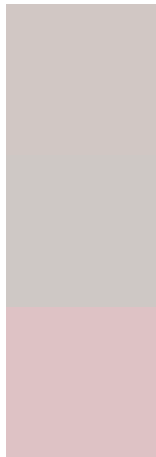


This preview shows how white text looks on a background with the XYZ color 56.6817, 58.3877,

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

56.6817, 58.3877, 60.5071

Protanopia

56.1859, 58.4616, 61.1462

Deuteranopia

59.4940, 58.1444, 60.9106



Tritanopia

58.7139, 58.5349, 70.4912

Trichromacy



Original Color

56.6817, 58.3877, 60.5071

Protanomaly

56.4644, 58.6052, 61.1593

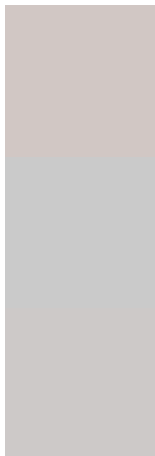
Deuteranomaly

58.4332, 58.2628, 60.9894

Tritanomaly

57.9130, 58.5460, 66.6407

Monochromacy



Original Color

56.6817, 58.3877, 60.5071

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.4888, 58.9226, 63.0395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6817, 58.3877, 60.5071 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(209, 199, 196) looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 196)  
}
```

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(209, 199, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 196) }
```

Border

The CSS property to change the border of an element to XYZ 56.6817, 58.3877, 60.5071 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(209, 199, 196) }
```


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

```
.border{ border-color:rgb(209, 199, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 199, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 199, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 199, 196);  
box-shadow:4px 4px 4px 4px rgb(209, 199,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6817, 58.3877, 60.5071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 199, 196) }
```

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

```
.background{ background-color: rgb(209,  
199, 196) }
```

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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