

Converting Colors

XYZ(56.8649, 60.4703, 57.1318)

Have a look what the booklet for
XYZ(56.8649, 60.4703, 57.1318)
contains.

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Color

**XYZ(56.8996, 60.3133,
57.3579)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CCBE
RGB	208, 204, 190
RGB Percent	82%, 80%, 75%
CMY	0.1843, 0.2000, 0.2549
CMYK	0.00, 0.02, 0.09, 0.18
HSL	47°, 16%, 78%
HSV	47°, 9%, 82%
XYZ	56.8996, 60.3133, 57.3579
YIQ	203.6000, 6.8780, -3.5060

Conversions

Conversions Part 2

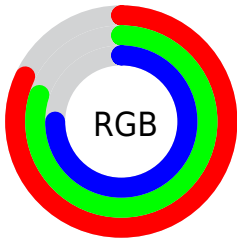
Format	Color
RYB	195, 208, 190
Decimal	13683902
CIELab	82.01, -1.05, 7.45
CIELCh	82, 7.528, 98.018
Yxy	60.3133, 0.3259, 0.3455
Android (android.graphics.Color)	4291873982 (0xFFD0CCBE)
YUV	203.6000, -6.7048, 3.8588
Hunter-Lab	77.6616, -5.1280, 10.5738

Details

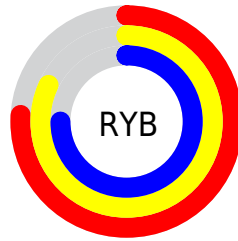
The XYZ color **56.8996, 60.3133, 57.3579** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9122, 54.0841, 67.3785**, and the grayscale version is **57.1814, 60.1593, 65.5135**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **28.7481, 30.4889, 28.0367** is the 20% darker color. If you saturate the color by 10%, you get **53.7057, 57.3073, 45.8662**, and if you desaturate by 10%, it is **60.4539, 63.5195, 70.5719**.

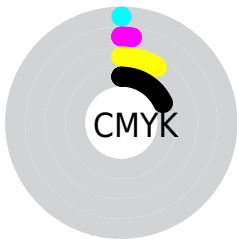
Distribution



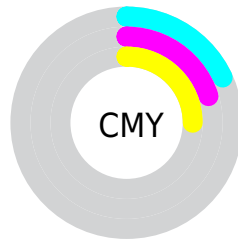
- Red (82%)
- Green (80%)
- Blue (75%)



- Red (76%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8996, 60.3133, 57.3579 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 56.8996, 60.3133, 57.3579 by changing the saturation by 10% instead.

■ 56.8996, 60.3133,
57.3579

■ 56.8996, 60.3133,
57.3579

403.0933,
425.7516, 432.3203

■ 41.1645, 43.6712,
40.8814

■ 99.4509, 105.2840,
102.4927

■ 28.6359, 30.4121,
27.9074

126.9977,
134.3814, 131.9881

■ 18.9484, 20.1516,
18.0174

159.2125,
168.3994, 166.6602

■ 11.7368, 12.5053,
10.7929

196.4607,
207.7224, 206.9276

■ 6.6356, 7.0888,
5.8154

239.1074,
252.7347, 253.2087

■ 3.2796, 3.5177,
2.6662

287.5182,

■ 1.3033, 1.4076,

303.8207, 305.9222

0.9263

342.0584,
361.3649, 365.4866

■ 0.1857, 0.2223,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8996, 60.3133,
57.3579

■ 56.8996, 60.3133,
57.3579

■ 53.7057, 57.3073,
45.8662

■ 60.4539, 63.5195,
70.5719

■ 50.8532, 54.4876,
36.0207

■ 64.3767, 66.9236,
85.5722

■ 48.3290, 51.8503,
27.7456

■ 68.6822, 70.5337,
102.4242

■ 46.1168, 49.3886,
20.9574

■ 70.3110, 73.1265,
105.0168

44.1990, 47.0950,
15.5650

71.5580, 75.6204,
105.4324

42.5563, 44.9611,
11.4670

72.8388, 78.1821,
105.8594

41.1664, 42.9777,
8.5484

74.1538, 80.8121,
106.2977

40.0033, 41.1339,
6.6738

75.5032, 83.5109,
106.7475

39.0265, 39.4129,
5.6310

76.8872, 86.2790,
107.2089

Harmonies

Analogous

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



58.4808, 60.3133, 57.8640



56.8996, 60.3133, 57.3579



55.4592, 60.3133, 58.9964

Triad

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



56.8996, 60.3133, 57.3579



54.9454, 60.3133, 71.2261



60.2149, 60.3133, 69.0112

Complementary

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



56.8996, 60.3133, 57.3579



51.9122, 54.0841, 67.3785

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.



59.2342, 60.3133, 72.8308



56.8996, 60.3133, 57.3579



56.1865, 60.3133, 74.1503

Square

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



56.8996, 60.3133, 57.3579



54.3446, 60.3133, 66.9027



57.7545, 60.3133, 74.7507



60.4144, 60.3133, 64.4544

Rectangle

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



56.8996, 60.3133, 57.3579



54.7657, 60.3133, 61.1312



57.7545, 60.3133, 74.7507



59.9648, 60.3133, 70.4300

Sweetspot

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



56.9013, 60.3159, 57.3592



93.3031, 98.4381, 102.3620



54.1868, 54.1418, 58.7521



19.8727, 20.9815, 21.5450



0.0000, 0.0000, 0.0000



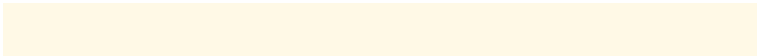
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9013, 60.3159, 57.3592



89.4332, 94.9059, 88.1003



56.5341, 61.5549, 57.6177



12.5715, 13.3337, 12.5231



24.3198, 24.5726, 3.4612



1.4161, 1.4865, 0.2123

Inverse Universe

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



51.9122, 54.0841, 67.3785



80.2775, 83.4696, 106.4879



52.2535, 52.9574, 67.1431



11.3735, 11.8373, 14.9290



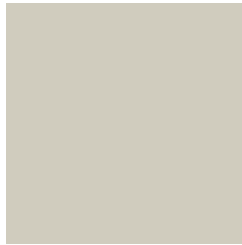
7.7689, 4.1844, 37.5907



0.4951, 0.3553, 2.1221

Previews

White Background



This preview shows how the XYZ color 56.8996, 60.3133, 57.3579 looks on a white background.

Color Contrast Check

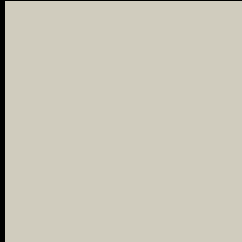
Large Text (above 18pt) WCAG AA × Fail

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 56.8996, 60.3133, 57.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

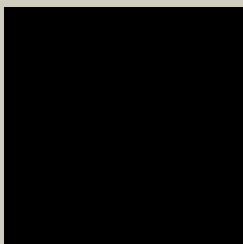
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

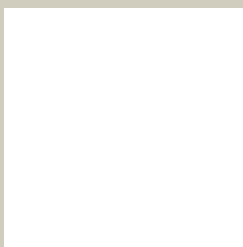
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8996, 60.3133, 57.3579

Background



This preview shows how black text looks on a background with the XYZ color 56.8996, 60.3133, 57.3579.



This preview shows how white text looks on a background with the XYZ color 56.8996, 60.3133,

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

56.8996, 60.3133, 57.3579

Protanopia

57.5142, 60.2785, 57.3188

Deuteranopia

61.3651, 60.1881, 57.6734



Tritanopia

60.2003, 60.2635, 73.4249

Trichromacy



Original Color

56.8996, 60.3133, 57.3579

Protanomaly

57.2285, 60.1312, 57.3054

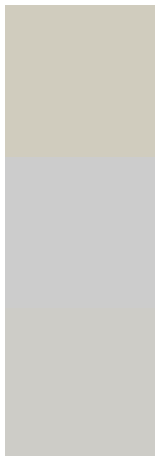
Deuteranomaly

59.8770, 60.4423, 57.8009

Tritanomaly

59.0131, 60.1272, 67.5269

Monochromacy



Original Color

56.8996, 60.3133, 57.3579

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.0785, 60.2884, 62.6613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8996, 60.3133, 57.3579 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, 204, 190)` looks like.

```
.text, #text, p{  
    color:rgb(208, 204, 190)  
}
```

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, 204, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 204, 190) }
```

Border

The CSS property to change the border of an element to XYZ 56.8996, 60.3133, 57.3579 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, 204, 190) }
```


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

```
.border{ border-color:rgb(208, 204, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 204, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 204, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 204, 190);  
box-shadow:4px 4px 4px 4px rgb(208, 204,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8996, 60.3133, 57.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 204, 190) }
```

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

```
.background{ background-color: rgb(208,  
204, 190) }
```

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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