

Converting Colors

XYZ(56.1903, 58.8364, 60.2184)

Have a look what the booklet for
XYZ(56.1903, 58.8364, 60.2184)
contains.

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Color

**XYZ(56.1906, 58.8352,
60.0245)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC9C3
RGB	206, 201, 195
RGB Percent	81%, 79%, 76%
CMY	0.1922, 0.2117, 0.2353
CMYK	0.00, 0.02, 0.05, 0.19
HSL	33°, 10%, 79%
HSV	33°, 5%, 81%
XYZ	56.1906, 58.8352, 60.0245
YIQ	201.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

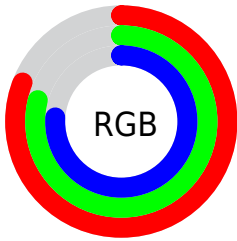
Format	Color
R_{YB}	204, 206, 195
Decimal	13552067
CIE Lab	81.20, 0.67, 3.60
CIE LCh	81, 3.659, 79.418
Yxy	58.8352, 0.3210, 0.3361
Android (android.graphics.Color)	4291742147 (0xFFCEC9C3)
YUV	201.8110, -3.3578, 3.6738
Hunter-Lab	76.7041, -3.4697, 7.2957

Details

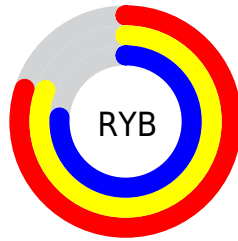
The XYZ color **56.1906, 58.8352, 60.0245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3006, 57.3662, 66.6042**, and the grayscale version is **56.0407, 58.9592, 64.2066**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **28.1903, 29.4659, 29.4010** is the 20% darker color. If you saturate the color by 10%, you get **51.9055, 53.7384, 47.8866**, and if you desaturate by 10%, it is **60.9333, 64.3315, 73.9017**.

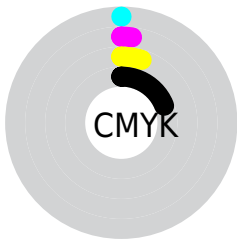
Distribution



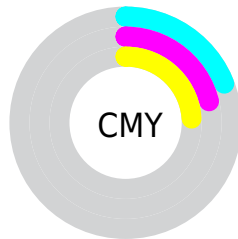
- Red (81%)
- Green (79%)
- Blue (76%)



- Red (80%)
- Yellow (81%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1906, 58.8352, 60.0245 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 56.1906, 58.8352, 60.0245 by changing the saturation by 10% instead.

■ 56.1906, 58.8352,
60.0245

■ 56.1906, 58.8352,
60.0245

400.4728,
420.2909, 442.4952

■ 40.5934, 42.4805,
43.0130

98.4214, 103.1381,
106.4089

■ 28.1877, 29.4777,
29.5638

125.7857,
131.8551, 136.6189

■ 18.6084, 19.4425,
19.2585

157.8030,
165.4616, 172.0654

■ 11.4900, 11.9904,
11.6785

194.8387,
204.3420, 213.1670

■ 6.4671, 6.7372,
6.4053

237.2582,
248.8808, 260.3423

■ 3.1745, 3.2983,
3.0203

285.4268,

■ 1.2467, 1.2894,

299.4622, 314.0097

1.1050

339.7099,
356.4708, 374.5878

■ 0.1428, 0.1329,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1906, 58.8352,
60.0245

■ 56.1906, 58.8352,
60.0245

■ 51.9055, 53.7384,
47.8866

■ 60.9333, 64.3315,
73.9017

■ 48.0577, 49.0235,
37.4147

■ 66.1432, 70.2290,
89.5800

■ 44.6323, 44.6826,
28.5354

■ 71.5444, 76.4229,
105.5880

■ 41.6119, 40.7047,
21.1688

■ 74.2049, 81.7439,
106.4749

■ 38.9775, 37.0783,
15.2279

■ 77.0071, 87.3482,
107.4089

■ 36.7085, 33.7907,
10.6164

■ 79.2640, 91.8620,
108.1612

■ 34.7817, 30.8284,
7.2262

■ 33.1706, 28.1762,
4.9320

■ 31.8434, 25.8168,
3.5805

Harmonies

Analogous

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



56.8797, 58.8352, 60.9271



56.1906, 58.8352, 60.0245



55.4354, 58.8352, 60.1849

Triad

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



56.1906, 58.8352, 60.0245



54.5506, 58.8352, 65.4668



57.0413, 58.8352, 66.8303

Complementary

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



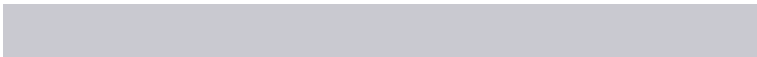
56.1906, 58.8352, 60.0245



54.3006, 57.3662, 66.6042

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.



56.4096, 58.8352, 68.1012



56.1906, 58.8352, 60.0245



54.9733, 58.8352, 67.3017

Square

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



56.1906, 58.8352, 60.0245



54.4931, 58.8352, 63.2940



55.6524, 58.8352, 68.2756



57.3738, 58.8352, 64.8352

Rectangle

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



56.1906, 58.8352, 60.0245



54.9959, 58.8352, 60.8741



55.6524, 58.8352, 68.2756



56.8566, 58.8352, 67.3583

Sweetspot

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



56.1922, 58.8378, 60.0258



93.5051, 98.2067, 104.3878



55.4105, 56.3293, 62.6784



20.0302, 21.0392, 22.3906



0.0000, 0.0000, 0.0000



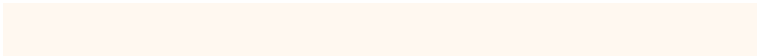
20.3446, 21.4041, 23.3091

Same Dimension

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



56.1922, 58.8378, 60.0258



90.5065, 94.6992, 95.7132



57.2744, 61.1530, 60.4156



11.9775, 12.5261, 12.5796



19.3687, 15.4704, 1.9652



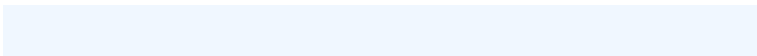
1.0745, 0.9486, 0.1265

Inverse Universe

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



54.3006, 57.3662, 66.6042



87.0372, 92.0003, 107.7782



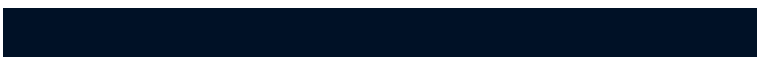
53.2571, 55.1383, 66.2292



11.4804, 12.1394, 14.3084



9.3957, 7.8154, 36.9696



0.5602, 0.5542, 1.9324

Previews

White Background



This preview shows how the XYZ color 56.1906, 58.8352, 60.0245 looks on a white background.

Color Contrast Check

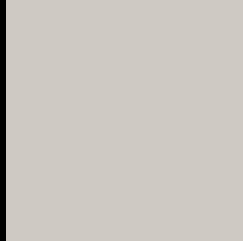
Large Text (above 18pt) WCAG AA × Fail

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 56.1906, 58.8352, 60.0245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

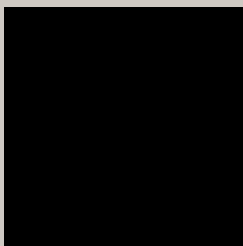
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

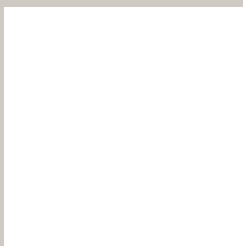
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1906, 58.8352, 60.0245

Background



This preview shows how black text looks on a background with the XYZ color 56.1906, 58.8352, 60.0245.

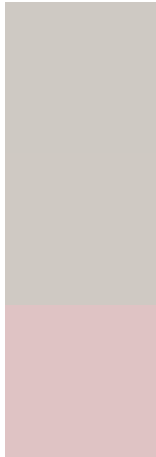


This preview shows how white text looks on a background with the XYZ color 56.1906, 58.8352,

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

56.1906, 58.8352, 60.0245

Protanopia

56.4691, 58.9788, 60.0376

Deuteranopia

59.9103, 58.7037, 60.3979



Tritanopia

58.6262, 58.7985, 71.8776

Trichromacy



Original Color

56.1906, 58.8352, 60.0245

Protanomaly

56.4691, 58.9788, 60.0376

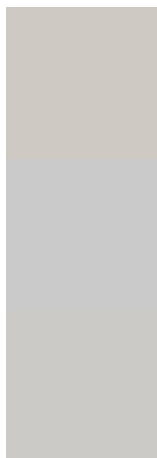
Deuteranomaly

58.5453, 58.6697, 60.4633

Tritanomaly

57.6983, 58.7617, 67.3326

Monochromacy



Original Color

56.1906, 58.8352, 60.0245

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.0579, 59.0611, 62.4782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1906, 58.8352, 60.0245 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(206, 201, 195) looks like.

```
.text, #text, p{  
    color:rgb(206, 201, 195)  
}
```

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(206, 201, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 201, 195) }
```

Border

The CSS property to change the border of an element to XYZ 56.1906, 58.8352, 60.0245 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(206, 201, 195) }
```


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

```
.border{ border-color:rgb(206, 201, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 201, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 201, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 201, 195);  
box-shadow:4px 4px 4px 4px rgb(206, 201,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1906, 58.8352, 60.0245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 201, 195) }
```

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

```
.background{ background-color: rgb(206,  
201, 195) }
```

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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