

Converting Colors

XYZ(56.2353, 58.7574, 59.8159)

Have a look what the booklet for
XYZ(56.2353, 58.7574, 59.8159)
contains.

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Color

**XYZ(56.4691, 58.9788,
60.0376)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC9C3
RGB	207, 201, 195
RGB Percent	81%, 79%, 76%
CMY	0.1882, 0.2117, 0.2353
CMYK	0.00, 0.03, 0.06, 0.19
HSL	30°, 11%, 79%
HSV	30°, 6%, 81%
XYZ	56.4691, 58.9788, 60.0376
YIQ	202.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

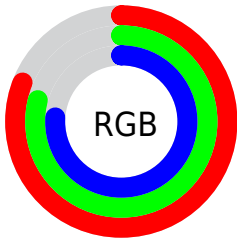
Format	Color
R_{YB}	207, 207, 195
Decimal	13617603
CIE Lab	81.28, 1.02, 3.72
CIE LCh	81, 3.860, 74.621
Yxy	58.9788, 0.3218, 0.3361
Android (android.graphics.Color)	4291807683 (0xFFCFC9C3)
YUV	202.1100, -3.5052, 4.2885
Hunter-Lab	76.7977, -3.1454, 7.4076

Details

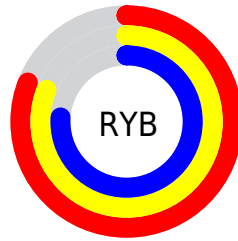
The XYZ color **56.4691, 58.9788, 60.0376** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6548, 57.8796, 67.3235**, and the grayscale version is **56.2278, 59.1560, 64.4209**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **28.3783, 29.5628, 29.4098** is the 20% darker color. If you saturate the color by 10%, you get **51.9588, 53.4473, 47.7765**, and if you desaturate by 10%, it is **61.4696, 64.9700, 74.0644**.

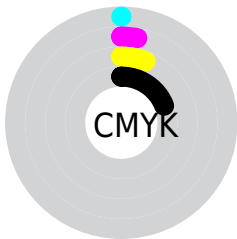
Distribution



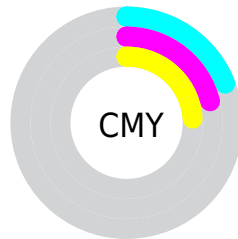
- Red (81%)
- Green (79%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4691, 58.9788, 60.0376 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 56.4691, 58.9788, 60.0376 by changing the saturation by 10% instead.

■ 56.4691, 58.9788,
60.0376

■ 56.4691, 58.9788,
60.0376

401.5034,
420.8233, 442.5448

■ 40.8176, 42.5961,
43.0234

98.8260, 103.3469,
106.4281

■ 28.3637, 29.5683,
29.5720

126.2621,
132.1009, 136.6416

■ 18.7418, 19.5111,
19.2646

158.3571,
165.7476, 172.0918

■ 11.5868, 12.0402,
11.6829

195.4764,
204.6712, 213.1975

■ 6.5331, 6.7711,
6.4082

237.9853,
249.2562, 260.3771

■ 3.2156, 3.3193,
3.0221

286.2492,

■ 1.2688, 1.3006,

299.8870, 314.0492

1.1059

340.6334,
356.9479, 374.6322

■ 0.1597, 0.1417,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4691, 58.9788,
60.0376

■ 56.4691, 58.9788,
60.0376

■ 51.9588, 53.4473,
47.7765

■ 61.4696, 64.9700,
74.0644

■ 47.9174, 48.3562,
37.2062

■ 66.9709, 71.4244,
89.9198

■ 44.3290, 43.6959,
28.2523

■ 72.6493, 78.2192,
105.8765

■ 41.1750, 39.4534,
20.8331

■ 75.6478, 84.2163,
106.8760

■ 38.4352, 35.6151,
14.8599

■ 78.8206, 90.5619,
107.9336

■ 36.0877, 32.1665,
10.2345

■ 79.5424, 92.0056,
108.1743

■ 34.1078, 29.0917,
6.8466

■ 32.4677, 26.3732,
4.5679

■ 31.1333, 23.9910,
3.2397

Harmonies

Analogous

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



57.1666, 58.9788, 61.1540



56.4691, 58.9788, 60.0376



55.6678, 58.9788, 60.0231

Triad

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



56.4691, 58.9788, 60.0376



54.5731, 58.9788, 65.3434



57.1519, 58.9788, 67.4252

Complementary

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



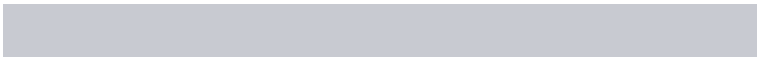
56.4691, 58.9788, 60.0376



54.6548, 57.8796, 67.3235

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.



56.4492, 58.9788, 68.6037



56.4691, 58.9788, 60.0376



54.9630, 58.9788, 67.3824

Square

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



56.4691, 58.9788, 60.0376



54.5783, 58.9788, 63.0494



55.6481, 58.9788, 68.5878



57.5634, 58.9788, 65.4008

Rectangle

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



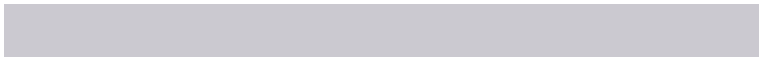
56.4691, 58.9788, 60.0376



55.1827, 58.9788, 60.6384



55.6481, 58.9788, 68.5878



56.9416, 58.9788, 67.9356

Sweetspot

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



56.4707, 58.9814, 60.0389



93.4320, 98.0606, 104.3635



55.7907, 56.5136, 63.2269



20.0153, 21.0094, 22.3856



0.0000, 0.0000, 0.0000



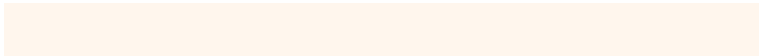
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4707, 58.9814, 60.0389



89.5282, 93.3437, 93.5342



57.8960, 61.8320, 60.5140



12.4857, 13.0096, 12.9643



19.3984, 14.7297, 1.8207



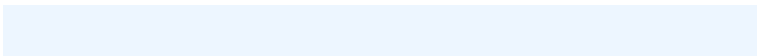
1.1640, 0.9823, 0.1283

Inverse Universe

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



54.6548, 57.8796, 67.3235



86.0021, 91.2042, 107.6791



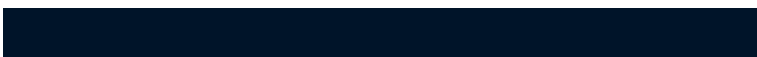
53.2841, 55.1382, 66.8666



11.9625, 12.6922, 15.0630



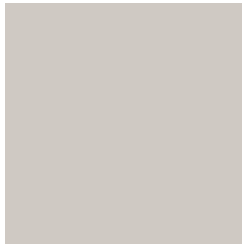
10.2739, 9.1944, 38.4257



0.6538, 0.6728, 2.1750

Previews

White Background



This preview shows how the XYZ color 56.4691, 58.9788, 60.0376 looks on a white background.

Color Contrast Check

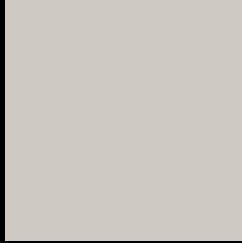
Large Text (above 18pt) WCAG AA × Fail

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 56.4691, 58.9788, 60.0376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

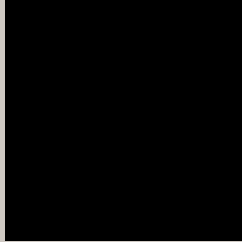
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4691, 58.9788, 60.0376

Background



This preview shows how black text looks on a background with the XYZ color 56.4691, 58.9788, 60.0376.

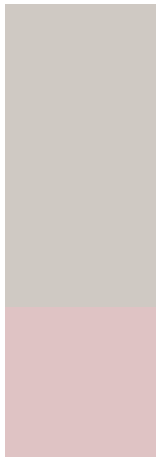


This preview shows how white text looks on a background with the XYZ color 56.4691, 58.9788,

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

56.4691, 58.9788, 60.0376

Protanopia

56.4691, 58.9788, 60.0376

Deuteranopia

59.9103, 58.7037, 60.3979



Tritanopia

58.9100, 58.9448, 71.8909

Trichromacy



Original Color

56.4691, 58.9788, 60.0376

Protanomaly

56.4691, 58.9788, 60.0376

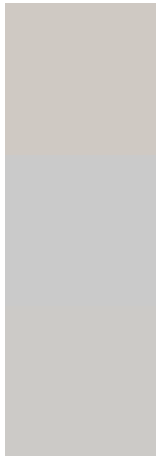
Deuteranomaly

58.5453, 58.6697, 60.4633

Tritanomaly

57.9804, 58.9072, 67.3458

Monochromacy



Original Color

56.4691, 58.9788, 60.0376

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.3312, 59.2019, 62.4910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4691, 58.9788, 60.0376 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(207, 201, 195)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 201, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 201, 195) }
```

Border

The CSS property to change the border of an element to XYZ 56.4691, 58.9788, 60.0376 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(207, 201, 195) }
```


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

```
.border{ border-color:rgb(207, 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(207, 201, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 201, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 201, 195);  
box-shadow:4px 4px 4px 4px rgb(207, 201,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4691, 58.9788, 60.0376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 201, 195) }
```

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

```
.background{ background-color: rgb(207,  
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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