

Converting Colors

XYZ(56.2197, 58.4711, 61.9164)

Have a look what the booklet for
XYZ(56.2197, 58.4711, 61.9164)
contains.

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Color

**XYZ(56.3009, 58.5076,
61.7518)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC8C6
RGB	206, 200, 198
RGB Percent	81%, 78%, 78%
CMY	0.1922, 0.2157, 0.2235
CMYK	0.00, 0.03, 0.04, 0.19
HSL	15°, 8%, 79%
HSV	15°, 4%, 81%
XYZ	56.3009, 58.5076, 61.7518
YIQ	201.5660, 4.2180, 0.6500

Conversions

Conversions Part 2

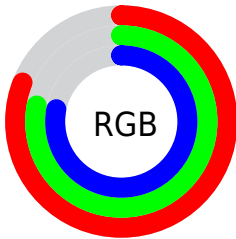
Format	Color
R_{YB}	206, 201, 198
Decimal	13551814
CIE Lab	81.02, 1.73, 1.73
CIE LCh	81, 2.441, 45.029
Yxy	58.5076, 0.3189, 0.3314
Android (android.graphics.Color)	4291741894 (0xFFCEC8C6)
YUV	201.5660, -1.7580, 3.8886
Hunter-Lab	76.4903, -2.4725, 5.6774

Details

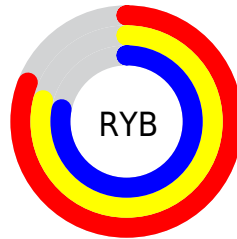
The XYZ color **56.3009, 58.5076, 61.7518** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0220, 59.6468, 66.9535**, and the grayscale version is **55.8789, 58.7889, 64.0211**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.2618, 29.2468, 30.5412** is the 20% darker color. If you saturate the color by 10%, you get **50.6878, 50.8283, 48.9443**, and if you desaturate by 10%, it is **62.6017, 67.0436, 76.3844**.

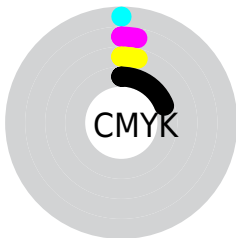
Distribution



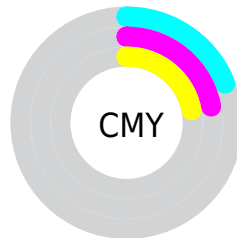
- Red (81%)
- Green (78%)
- Blue (78%)



- Red (81%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3009, 58.5076, 61.7518 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 56.3009, 58.5076, 61.7518 by changing the saturation by 10% instead.

■ 56.3009, 58.5076,
61.7518

■ 56.3009, 58.5076,
61.7518

400.8811,
419.0747, 449.0078

■ 40.6822, 42.2169,
44.3977

98.5816, 102.6617,
108.9348

■ 28.2574, 29.2711,
30.6438

125.9744,
131.2938, 139.6009

■ 18.6612, 19.2860,
20.0716

158.0225,
164.8085, 175.5412

■ 11.5283, 11.8771,
12.2625

195.0913,
203.5902, 217.1746

■ 6.4933, 6.6601,
6.7980

237.5463,
248.0233, 264.9193

■ 3.1907, 3.2504,
3.2596

285.7526,

■ 1.2554, 1.2638,

298.4921, 319.1941

1.2287

340.0758,
355.3811, 380.4174

■ 0.1495, 0.1129,
0.0022

■ 0.0000, 0.0000,
0.0000

■ 56.3009, 58.5076,
61.7518

■ 56.3009, 58.5076,
61.7518

■ 50.6878, 50.8283,
48.9443

■ 62.6017, 67.0436,
76.3844

■ 45.7338, 43.9716,
37.8863

■ 69.6077, 76.4540,
92.9060

■ 41.4156, 37.9121,
28.5025

■ 76.5591, 86.4524,
107.2596

■ 37.7065, 32.6204,
20.7106

■ 79.2639, 91.8620,
108.1612

■ 34.5780, 28.0652,
14.4213

■ 31.9990, 24.2128,
9.5366

■ 29.9354, 21.0271,
5.9464

■ 28.3489, 18.4683,
3.5242

■ 27.1949, 16.4918,
2.1173

Harmonies

Analogous

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



56.5557, 58.5076, 62.9843



56.3009, 58.5076, 61.7518



55.8617, 58.5076, 61.0480

Triad

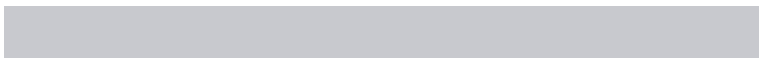
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.3009, 58.5076, 61.7518



54.6741, 58.5076, 62.9870



55.8627, 58.5076, 66.4369

Complementary

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



56.3009, 58.5076, 61.7518



56.0220, 59.6468, 66.9535

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.



55.3585, 58.5076, 66.4376



56.3009, 58.5076, 61.7518



54.6744, 58.5076, 64.4309

Square

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



56.3009, 58.5076, 61.7518



54.9235, 58.5076, 61.7537



54.9242, 58.5076, 65.6986



56.3016, 58.5076, 65.6966

Rectangle

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



56.3009, 58.5076, 61.7518



55.5244, 58.5076, 60.9665



54.9242, 58.5076, 65.6986



55.6951, 58.5076, 66.5240

Sweetspot

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



56.3025, 58.5101, 61.7531



94.0354, 98.6234, 106.5498



56.5475, 57.8705, 65.3172



20.1381, 21.1240, 22.8308



0.0000, 0.0000, 0.0000



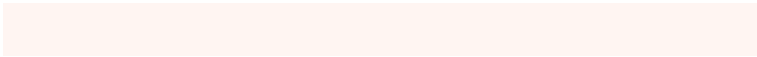
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3025, 58.5101, 61.7531



90.0913, 93.2593, 97.4539



57.2402, 60.3855, 62.0656



11.8982, 12.2930, 12.7831



16.4844, 9.7017, 1.0038



0.9126, 0.6248, 0.0725

Inverse Universe

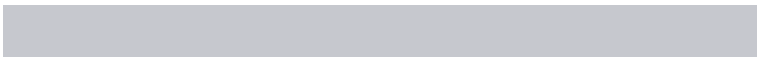
The Inverse Universe completely reimagines the original color for something new.



56.0220, 59.6468, 66.9535



89.5035, 95.6409, 108.3509



55.0844, 57.7714, 66.6409



11.8116, 12.6438, 14.3883



14.0972, 17.2184, 38.5368



0.7852, 1.0042, 2.0074

Previews

White Background



This preview shows how the XYZ color 56.3009, 58.5076, 61.7518 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 56.3009, 58.5076, 61.7518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

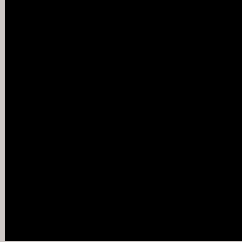
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

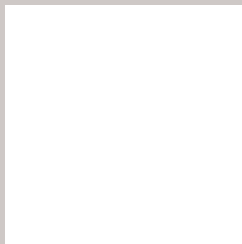
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3009, 58.5076, 61.7518

Background



This preview shows how black text looks on a background with the XYZ color 56.3009, 58.5076, 61.7518.

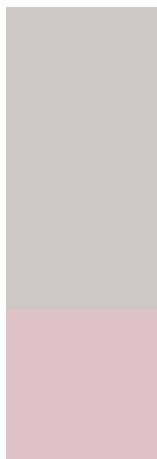


This preview shows how white text looks on a background with the XYZ color 56.3009, 58.5076,

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

56.3009, 58.5076, 61.7518

Protanopia

56.0242, 58.3649, 61.7388

Deuteranopia

59.6427, 58.5259, 62.1859



Tritanopia

58.2167, 58.6022, 71.1938

Trichromacy



Original Color

56.3009, 58.5076, 61.7518

Protanomaly

56.0242, 58.3649, 61.7388

Deuteranomaly

58.5940, 58.6550, 62.2661

Tritanomaly

57.5407, 58.6663, 67.9655

Monochromacy



Original Color

56.3009, 58.5076, 61.7518

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.0579, 58.6868, 63.6315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3009, 58.5076, 61.7518 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, 200, 198) looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 198)  
}
```

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, 200, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 198) }
```

Border

The CSS property to change the border of an element to XYZ 56.3009, 58.5076, 61.7518 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, 200, 198) }
```


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

```
.border{ border-color:rgb(206, 200, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 200, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 200, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 200, 198); box-shadow:4px 4px 4px 4px rgb(206, 200, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3009, 58.5076, 61.7518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 198) }
```

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

```
.background{ background-color: rgb(206,  
200, 198) }
```

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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