

Converting Colors

XYZ(57.8699, 61.4234, 57.0958)

Have a look what the booklet for
XYZ(57.8699, 61.4234, 57.0958)
contains.

XYZ(57.8350, 61.5184, 56.9701)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.8350, 61.5184,
56.9701)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CEBD
RGB	210, 206, 189
RGB Percent	82%, 81%, 74%
CMY	0.1765, 0.1921, 0.2588
CMYK	0.00, 0.02, 0.10, 0.18
HSL	49°, 19%, 78%
HSV	49°, 10%, 82%
XYZ	57.8350, 61.5184, 56.9701
YIQ	205.2580, 7.8410, -4.4390

Conversions

Conversions Part 2

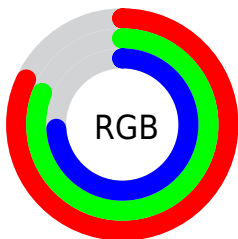
Format	Color
RYB	194, 210, 189
Decimal	13815485
CIELab	82.66, -1.55, 8.94
CIELCh	83, 9.070, 99.829
Yxy	61.5184, 0.3280, 0.3489
Android (android.graphics.Color)	4292005565 (0xFFD2CEBD)
YUV	205.2580, -8.0152, 4.1587
Hunter-Lab	78.4337, -5.6375, 11.8384

Details

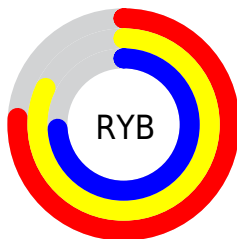
The XYZ color **57.8350, 61.5184, 56.9701** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6890, 53.6110, 68.5971**, and the grayscale version is **58.2399, 61.2729, 66.7262**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **29.1897, 31.2026, 27.7768** is the 20% darker color. If you saturate the color by 10%, you get **54.7693, 58.7744, 45.5044**, and if you desaturate by 10%, it is **61.2586, 64.4488, 70.1850**.

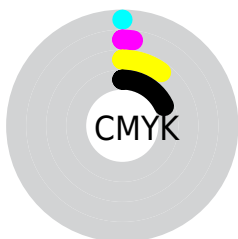
Distribution



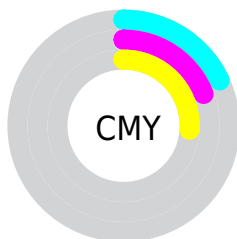
- Red (82%)
- Green (81%)
- Blue (74%)



- Red (76%)
- Yellow (82%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8350, 61.5184, 56.9701 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 57.8350, 61.5184, 56.9701 by changing the saturation by 10% instead.

■ 57.8350, 61.5184,
56.9701

■ 57.8350, 61.5184,
56.9701

406.5346,
430.1722, 430.8279

■ 41.9188, 44.6437,
40.5720

■ 100.8069,
107.0292, 101.9215

■ 29.2285, 31.1769,
27.6677

128.5932,
136.4340, 131.3118

■ 19.3989, 20.7336,
17.8384

161.0670,
170.7844, 165.8701

■ 12.0646, 12.9294,
10.6658

198.5936,
210.4646, 206.0147

■ 6.8602, 7.3799,
5.7313

241.5383,
255.8591, 252.1642

■ 3.4204, 3.7008,
2.6162

290.2664,

■ 1.3798, 1.5077,

307.3522, 304.7372

0.9008

345.1434,
365.3285, 364.1523

■ 0.2417, 0.2941,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8350, 61.5184,
56.9701

■ 57.8350, 61.5184,
56.9701

■ 54.7693, 58.7744,
45.5044

■ 61.2586, 64.4488,
70.1850

■ 52.0423, 56.2026,
35.7096

■ 65.0486, 67.5631,
85.2152

■ 49.6402, 53.7994,
27.5071

■ 69.2193, 70.8695,
102.1279

■ 47.5465, 51.5578,
20.8106

■ 70.7471, 73.1586,
105.0000

45.7431, 49.4703,
15.5255

71.8210, 75.3065,
105.3580

44.2098, 47.5285,
11.5466

72.9203, 77.5050,
105.7244

42.9236, 45.7229,
8.7536

74.0450, 79.7545,
106.0993

41.8572, 44.0424,
7.0044

75.1954, 82.0553,
106.4828

40.9611, 42.4666,
6.0380

76.3717, 84.4078,
106.8749

Harmonies

Analogous

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



59.7710, 61.5184, 57.4200



57.8350, 61.5184, 56.9701



56.1076, 61.5184, 59.0866

Triad

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



57.8350, 61.5184, 56.9701



55.6449, 61.5184, 74.0833



62.0542, 61.5184, 70.7463

Complementary

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



57.8350, 61.5184, 56.9701



51.6890, 53.6110, 68.5971

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.



60.9007, 61.5184, 75.5535



57.8350, 61.5184, 56.9701



57.1907, 61.5184, 77.5530

Square

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



57.8350, 61.5184, 56.9701



54.8618, 61.5184, 68.8290



59.1124, 61.5184, 78.1055



62.2360, 61.5184, 65.1704

Rectangle

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



57.8350, 61.5184, 56.9701



55.2961, 61.5184, 61.7408



59.1124, 61.5184, 78.1055



61.7660, 61.5184, 72.5140

Sweetspot

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



57.8367, 61.5211, 56.9714



93.3799, 98.5918, 102.3876



54.4247, 53.9569, 58.1162



19.8935, 21.0231, 21.5519



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.



57.8367, 61.5211, 56.9714



88.6794, 94.5245, 84.3769



57.0524, 62.5631, 57.2139



12.6043, 13.3992, 12.5340



25.0553, 26.0437, 3.7064



1.4514, 1.5570, 0.2240

Inverse Universe

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



51.6890, 53.6110, 68.5971



77.2734, 79.8490, 105.9474



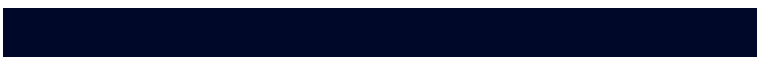
52.4146, 52.6913, 68.3814



11.3431, 11.7766, 14.9189



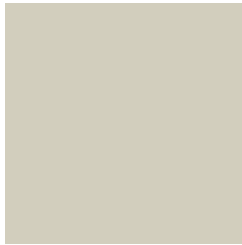
7.6131, 3.8727, 37.5387



0.4810, 0.3272, 2.1174

Previews

White Background



This preview shows how the XYZ color 57.8350, 61.5184, 56.9701 looks on a white background.

Color Contrast Check

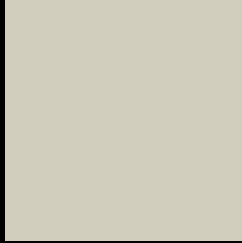
Large Text (above 18pt) WCAG AA × Fail

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 57.8350, 61.5184, 56.9701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

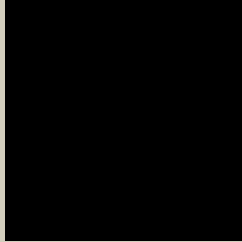
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

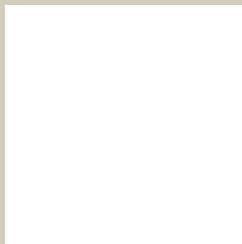
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8350, 61.5184, 56.9701

Background



This preview shows how black text looks on a background with the XYZ color 57.8350, 61.5184, 56.9701.



This preview shows how white text looks on a background with the XYZ color 57.8350, 61.5184,

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

57.8350, 61.5184, 56.9701

Protanopia

58.3490, 61.4396, 56.3607

Deuteranopia

62.4433, 61.0948, 57.2166



Tritanopia

61.5070, 61.5992, 74.9777

Trichromacy



Original Color

57.8350, 61.5184, 56.9701

Protanomaly

58.0598, 61.2905, 56.3471

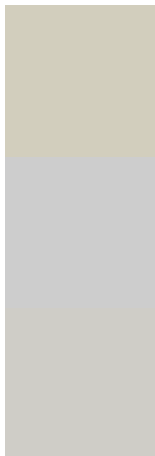
Deuteranomaly

60.6123, 61.1790, 57.3293

Tritanomaly

60.0590, 61.3630, 67.7103

Monochromacy



Original Color

57.8350, 61.5184, 56.9701

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.8723, 61.0516, 62.7668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8350, 61.5184, 56.9701 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(210, 206, 189) looks like.

```
.text, #text, p{  
    color:rgb(210, 206, 189)  
}
```

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(210, 206, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 206, 189) }
```

Border

The CSS property to change the border of an element to XYZ 57.8350, 61.5184, 56.9701 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(210, 206, 189) }
```


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

```
.border{ border-color:rgb(210, 206, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 206, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 206, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 206, 189);  
box-shadow:4px 4px 4px 4px rgb(210, 206,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8350, 61.5184, 56.9701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 206, 189) }
```

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

```
.background{ background-color: rgb(210,  
206, 189) }
```

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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