

Converting Colors

XYZ(57.4476, 61.2501, 57.0633)

Have a look what the booklet for
XYZ(57.4476, 61.2501, 57.0633)
contains.

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Color

**XYZ(57.5511, 61.3720,
56.9568)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CEBD
RGB	209, 206, 189
RGB Percent	82%, 81%, 74%
CMY	0.1804, 0.1921, 0.2588
CMYK	0.00, 0.01, 0.10, 0.18
HSL	51°, 18%, 78%
HSV	51°, 10%, 82%
XYZ	57.5511, 61.3720, 56.9568
YIQ	204.9590, 7.2450, -4.6510

Conversions

Conversions Part 2

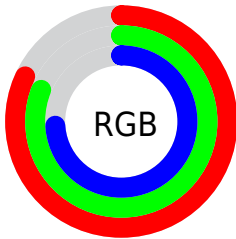
Format	Color
RYB	193, 209, 189
Decimal	13749949
CIELab	82.58, -1.91, 8.81
CIElCh	83, 9.018, 102.197
Yxy	61.3720, 0.3272, 0.3489
Android (android.graphics.Color)	4291940029 (0xFFD1CEBD)
YUV	204.9590, -7.8678, 3.5440
Hunter-Lab	78.3403, -5.9641, 11.7318

Details

The XYZ color **57.5511, 61.3720, 56.9568** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3445, 53.1207, 67.8694**, and the grayscale version is **58.0489, 61.0719, 66.5073**.

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 **54.6983, 59.0388, 45.6081**, and if you desaturate by 10%, it is **60.7492, 63.8714, 70.0351**.

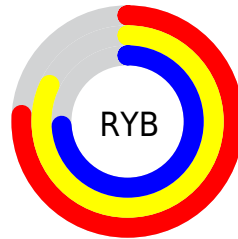
Distribution



Red (82%)

Green (81%)

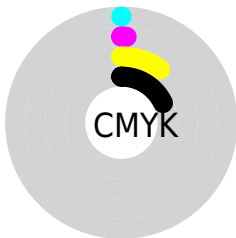
Blue (74%)



Red (76%)

Yellow (82%)

Blue (74%)

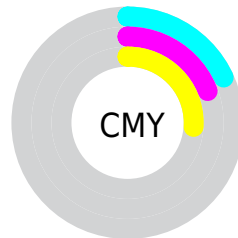


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (18%)



Cyan (18%)

Magenta (19%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5511, 61.3720, 56.9568 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 57.5511, 61.3720, 56.9568 by changing the saturation by 10% instead.

■ 57.5511, 61.3720,
56.9568

■ 57.5511, 61.3720,
56.9568

405.4920,
429.6367, 430.7766

■ 41.6897, 44.5255,
40.5614

■ 100.3956,
106.8174, 101.9019

■ 29.0485, 31.0838,
27.6594

128.1094,
136.1850, 131.2886

■ 19.2620, 20.6627,
17.8323

160.5048,
170.4951, 165.8429

■ 11.9648, 12.8777,
10.6615

197.9470,
210.1321, 205.9833

■ 6.7918, 7.3444,
5.7284

240.8015,
255.4803, 252.1284

■ 3.3774, 3.6784,
2.6145

289.4336,

■ 1.3563, 1.4953,

306.9242, 304.6966

0.8999

344.2087,
364.8482, 364.1065

■ 0.2248, 0.2854,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5511, 61.3720,
56.9568

■ 57.5511, 61.3720,
56.9568

■ 54.6983, 59.0388,
45.6081

■ 60.7492, 63.8714,
70.0351

■ 52.1719, 56.8581,
35.9116

■ 64.3008, 66.5343,
84.9079

■ 49.9585, 54.8263,
27.7902

■ 68.2201, 69.3686,
101.6418

■ 48.0418, 52.9368,
21.1587

■ 69.5535, 71.1929,
104.6835

46.4042, 51.1824,
15.9242

70.3757, 72.8374,
104.9576

45.0258, 49.5550,
11.9831

71.2134, 74.5127,
105.2368

43.8843, 48.0455,
9.2176

72.0666, 76.2190,
105.5212

42.9530, 46.6432,
7.4882

72.9354, 77.9566,
105.8108

42.1857, 45.3293,
6.5519

73.8198, 79.7255,
106.1056

Harmonies

Analogous

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



59.4752, 61.3720, 57.1992



57.5511, 61.3720, 56.9568



55.8730, 61.3720, 59.2491

Triad

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



57.5511, 61.3720, 56.9568



55.6237, 61.3720, 74.2258



61.9404, 61.3720, 70.1290

Complementary

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



57.5511, 61.3720, 56.9568



51.3445, 53.1207, 67.8694

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.



60.8626, 61.3720, 75.0177



57.5511, 61.3720, 56.9568



57.2040, 61.3720, 77.4714

Square

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



57.5511, 61.3720, 56.9568



54.7768, 61.3720, 69.0962



59.1204, 61.3720, 77.7689



62.0383, 61.3720, 64.6016

Rectangle

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



57.5511, 61.3720, 56.9568



55.1082, 61.3720, 61.9840



59.1204, 61.3720, 77.7689



61.6796, 61.3720, 71.9089

Sweetspot

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



57.5528, 61.3747, 56.9581



93.4781, 98.7880, 102.4203



54.0073, 53.7571, 57.3997



19.9201, 21.0762, 21.5608



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.



57.5528, 61.3747, 56.9581



89.5323, 95.6715, 86.3845



56.3436, 61.8323, 57.1102



12.6463, 13.4832, 12.5480



26.0481, 28.0292, 4.0373



1.4984, 1.6511, 0.2397

Inverse Universe

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



51.3445, 53.1207, 67.8694



78.3313, 80.7797, 106.0713



52.4720, 52.7353, 67.7356



11.3046, 11.6994, 14.9061



7.4481, 3.5427, 37.4837



0.4631, 0.2914, 2.1114

Previews

White Background



This preview shows how the XYZ color 57.5511, 61.3720, 56.9568 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 57.5511, 61.3720, 56.9568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

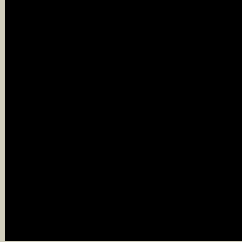
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

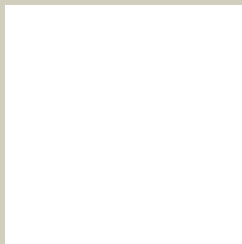
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5511, 61.3720, 56.9568

Background



This preview shows how black text looks on a background with the XYZ color 57.5511, 61.3720, 56.9568.



This preview shows how white text looks on a background with the XYZ color 57.5511, 61.3720,

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

57.5511, 61.3720, 56.9568

Protanopia

58.3490, 61.4396, 56.3607

Deuteranopia

62.5531, 61.1387, 57.7943



Tritanopia

61.2160, 61.4491, 74.9641

Trichromacy



Original Color

57.5511, 61.3720, 56.9568

Protanomaly

58.0598, 61.2905, 56.3471

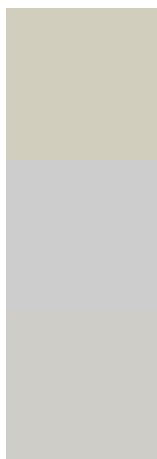
Deuteranomaly

60.6123, 61.1790, 57.3293

Tritanomaly

59.7698, 61.2139, 67.6967

Monochromacy



Original Color

57.5511, 61.3720, 56.9568

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.5937, 60.9080, 62.7537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5511, 61.3720, 56.9568 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(209, 206, 189)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 206, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 206, 189) }
```

Border

The CSS property to change the border of an element to XYZ 57.5511, 61.3720, 56.9568 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(209, 206, 189) }
```


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

```
.border{ border-color:rgb(209, 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(209, 206, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 206, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 206, 189);  
box-shadow:4px 4px 4px 4px rgb(209, 206,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5511, 61.3720, 56.9568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 206, 189) }
```

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

```
.background{ background-color: rgb(209,  
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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