

Converting Colors

XYZ(57.5750, 61.4857, 65.8695)

Have a look what the booklet for
XYZ(57.5750, 61.4857, 65.8695)
contains.

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Color

**XYZ(57.5690, 61.5418,
65.9713)**

Conversions

Conversions Part 1

Format	Color
Hex	CACFCC
RGB	202, 207, 204
RGB Percent	79%, 81%, 80%
CMY	0.2078, 0.1882, 0.2000
CMYK	0.02, 0.00, 0.01, 0.19
HSL	144°, 5%, 80%
HSV	144°, 2%, 81%
XYZ	57.5690, 61.5418, 65.9713
YIQ	205.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

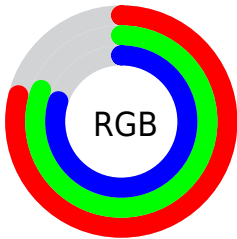
Format	Color
R _Y B	202, 206, 207
Decimal	13291468
CIE Lab	82.67, -2.25, 0.88
CIE LCh	83, 2.419, 158.612
Yxy	61.5418, 0.3110, 0.3325
Android (android.graphics.Color)	4291481548 (0xFFCACFCC)
YUV	205.1630, -0.5734, -2.7740
Hunter-Lab	78.4486, -6.2939, 5.0541

Details

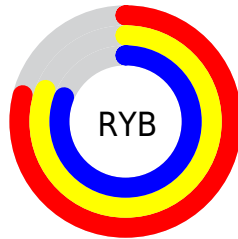
The XYZ color **57.5690, 61.5418, 65.9713** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8743, 59.9158, 66.2752**, and the grayscale version is **58.1379, 61.1656, 66.6094**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1090, 31.2804, 33.3577** is the 20% darker color. If you saturate the color by 10%, you get **50.9082, 58.2752, 58.1884**, and if you desaturate by 10%, it is **65.1036, 65.2486, 74.4184**.

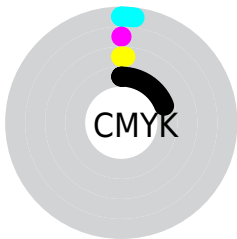
Distribution



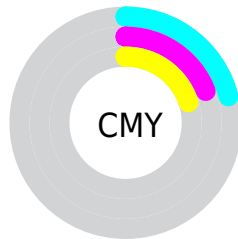
- Red (79%)
- Green (81%)
- Blue (80%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5690, 61.5418, 65.9713 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 57.5690, 61.5418, 65.9713 by changing the saturation by 10% instead.

■ 57.5690, 61.5418,
65.9713

■ 57.5690, 61.5418,
65.9713

405.5578,
430.2578, 464.6756

■ 41.7042, 44.6626,
47.7928

100.4215,
107.0630, 115.0717

■ 29.0598, 31.1917,
33.3040

128.1399,
136.4738, 146.8307

■ 19.2706, 20.7449,
22.0864

160.5403,
170.8306, 183.9537

■ 11.9711, 12.9377,
13.7215

197.9878,
210.5177, 226.8590

■ 6.7961, 7.3856,
7.7907

240.8480,
255.9196, 275.9653

■ 3.3801, 3.7044,
3.8754

289.4862,

■ 1.3578, 1.5096,

307.4206, 331.6912

1.5573

344.2676,
365.4052, 394.4551

■ 0.2259, 0.2955,
0.2601

■ 0.0000, 0.0000,
0.0000

■ 57.5690, 61.5418,
65.9713

■ 57.5690, 61.5418,
65.9713

■ 50.9082, 58.2752,
58.1884

■ 65.1036, 65.2486,
74.4184

■ 45.0835, 55.4244,
51.0496

■ 73.5374, 69.4032,
83.5410

■ 40.0620, 52.9746,
44.5399

■ 79.4727, 72.2555,
93.1947

■ 35.8069, 50.9072,
38.6418

■ 81.3959, 73.0247,
103.3219

■ 32.2781, 49.2017,
33.3375

■ 81.6040, 73.1080,
104.4180

■ 29.4318, 47.8361,
28.6079

■ 27.2192, 46.7856,
24.4329

■ 25.5847, 46.0219,
20.7913

■ 24.4619, 45.5112,
17.6602

Harmonies

Analogous

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



57.8729, 61.5418, 64.7992



57.5690, 61.5418, 65.9713



57.5121, 61.5418, 67.4376

Triad

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



57.5690, 61.5418, 65.9713



58.6432, 61.5418, 69.8753



59.2772, 61.5418, 65.2402

Complementary

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



57.5690, 61.5418, 65.9713



57.8743, 59.9158, 66.2752

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.



59.4862, 61.5418, 66.5814



57.5690, 61.5418, 65.9713



59.1188, 61.5418, 69.2675

Square

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



57.5690, 61.5418, 65.9713



58.1303, 61.5418, 69.7061



59.4281, 61.5418, 68.0566



58.8585, 61.5418, 64.3815

Rectangle

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



57.5690, 61.5418, 65.9713



57.6216, 61.5418, 68.3870



59.4281, 61.5418, 68.0566



59.3744, 61.5418, 65.6487

Sweetspot

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



57.5707, 61.5444, 65.9726



93.8726, 99.4214, 107.5637



58.1756, 61.8838, 64.7565



20.1050, 21.2864, 23.0372



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.



57.5707, 61.5444, 65.9726



91.5607, 98.2856, 104.9236



57.8633, 61.6615, 67.5132



12.7024, 13.7022, 14.5560



15.0796, 28.5248, 10.0652



0.8819, 1.6104, 0.7668

Inverse Universe

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



57.8743, 59.9158, 66.2752



92.1694, 95.0204, 105.5301



57.5844, 59.7998, 64.7485



12.8076, 13.1380, 14.6608



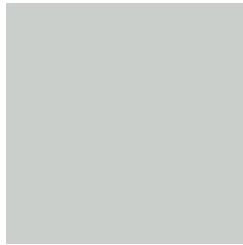
18.5624, 9.2978, 13.1337



1.0765, 0.5353, 0.9377

Previews

White Background



This preview shows how the XYZ color 57.5690, 61.5418, 65.9713 looks on a white background.

Color Contrast Check

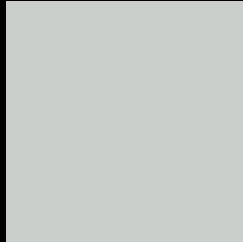
Large Text (above 18pt) WCAG AA × Fail

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 57.5690, 61.5418, 65.9713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

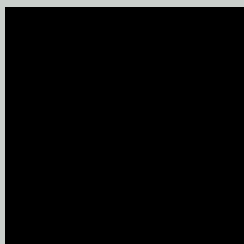
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

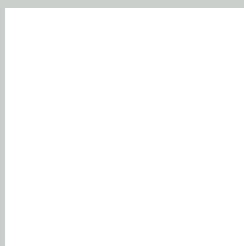
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5690, 61.5418, 65.9713

Background



This preview shows how black text looks on a background with the XYZ color 57.5690, 61.5418, 65.9713.



This preview shows how white text looks on a background with the XYZ color 57.5690, 61.5418,

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

57.5690, 61.5418, 65.9713

Protanopia

59.1892, 61.6761, 65.2850

Deuteranopia

62.6153, 61.3106, 66.9265



Tritanopia

59.8208, 61.3853, 77.1023

Trichromacy



Original Color

57.5690, 61.5418, 65.9713

Protanomaly

58.5829, 61.7198, 65.3254

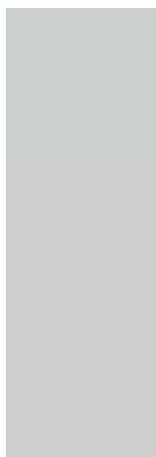
Deuteranomaly

60.7552, 61.4006, 66.4070

Tritanomaly

58.9989, 61.4063, 73.0330

Monochromacy



Original Color

57.5690, 61.5418, 65.9713

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.9926, 61.3878, 66.5501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5690, 61.5418, 65.9713 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(202, 207, 204) looks like.

```
.text, #text, p{  
    color:rgb(202, 207, 204)  
}
```

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(202, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 207, 204) }
```

Border

The CSS property to change the border of an element to XYZ 57.5690, 61.5418, 65.9713 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(202, 207, 204) }
```


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

```
.border{ border-color:rgb(202, 207, 204) }
```

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

Here you see how a box with a 4 pixel rgb(202, 207, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(202, 207,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5690, 61.5418, 65.9713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 207, 204) }
```

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

```
.background{ background-color: rgb(202,  
207, 204) }
```

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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