

Converting Colors

XYZ(57.6007, 59.4567, 61.9151)

Have a look what the booklet for
XYZ(57.6007, 59.4567, 61.9151)
contains.

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Color

**XYZ(57.6580, 59.5521,
61.8819)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C9C6
RGB	210, 201, 198
RGB Percent	82%, 79%, 78%
CMY	0.1765, 0.2117, 0.2235
CMYK	0.00, 0.04, 0.06, 0.18
HSL	15°, 12%, 80%
HSV	15°, 6%, 82%
XYZ	57.6580, 59.5521, 61.8819
YIQ	203.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

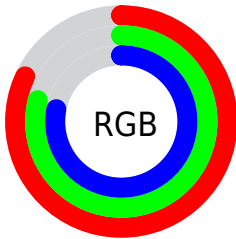
Format	Color
R _Y B	210, 202, 198
Decimal	13814214
CIE Lab	81.59, 2.60, 2.60
CIE LCh	82, 3.676, 45.020
Yxy	59.5521, 0.3219, 0.3325
Android (android.graphics.Color)	4292004294 (0xFFD2C9C6)
YUV	203.3490, -2.6371, 5.8329
Hunter-Lab	77.1700, -1.6802, 6.4749

Details

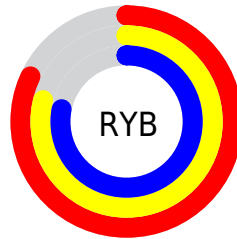
The XYZ color **57.6580, 59.5521, 61.8819** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2343, 61.2836, 69.7858**, and the grayscale version is **56.9987, 59.9671, 65.3042**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1781, 29.9490, 30.6284** is the 20% darker color. If you saturate the color by 10%, you get **51.9183, 51.6835, 48.8352**, and if you desaturate by 10%, it is **64.1132, 68.3126, 76.8255**.

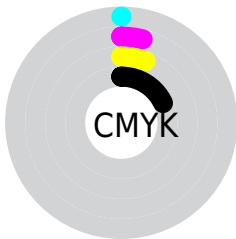
Distribution



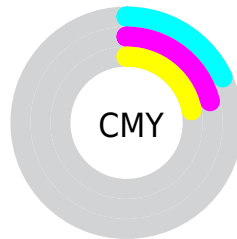
- Red (82%)
- Green (79%)
- Blue (78%)



- Red (82%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6580, 59.5521, 61.8819 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 57.6580, 59.5521, 61.8819 by changing the saturation by 10% instead.

■ 57.6580, 59.5521,
61.8819

■ 57.6580, 59.5521,
61.8819

405.8848,
422.9449, 449.4959

■ 41.7760, 43.0577,
44.5021

100.5505,
104.1797, 109.1248

■ 29.1162, 29.9304,
30.7253

128.2917,
133.0816, 139.8249

■ 19.3135, 19.7858,
20.1331

160.7166,
166.8882, 175.8023

■ 12.0024, 12.2394,
12.3068

198.1906,
205.9839, 217.4754

■ 6.8175, 6.9069,
6.8279

241.0790,
250.7530, 265.2627

■ 3.3935, 3.4040,
3.2779

289.7473,

■ 1.3651, 1.3461,

301.5799, 319.5829

1.2382

344.5608,
358.8491, 380.8545

■ 0.2312, 0.1765,
0.0103

■ 0.0000, 0.0000,
0.0000

■ 57.6580, 59.5521,
61.8819

■ 57.6580, 59.5521,
61.8819

■ 51.9183, 51.6835,
48.8352

■ 64.1132, 68.3126,
76.8255

■ 46.8639, 44.6710,
37.6054

■ 71.3025, 77.9841,
93.7338

■ 42.4702, 38.4877,
28.1125

■ 78.2687, 88.2020,
107.5072

■ 38.7087, 33.1023,
20.2691

■ 80.3886, 92.4418,
108.2139

■ 35.5492, 28.4816,
13.9800

■ 32.9585, 24.5899,
9.1403

■ 30.9001, 21.3886,
5.6319

■ 29.3328, 18.8351,
3.3179

■ 28.2080, 16.8815,
2.0302

Harmonies

Analogous

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



58.0480, 59.5521, 63.7468



57.6580, 59.5521, 61.8819



56.9870, 59.5521, 60.8224

Triad

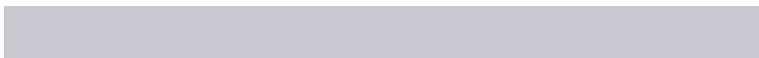
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.6580, 59.5521, 61.8819



55.1809, 59.5521, 63.7497



56.9880, 59.5521, 69.0344

Complementary

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



57.6580, 59.5521, 61.8819



57.2343, 61.2836, 69.7858

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.



56.2198, 59.5521, 69.0352



57.6580, 59.5521, 61.8819



55.1812, 59.5521, 65.9499

Square

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



57.6580, 59.5521, 61.8819



55.5592, 59.5521, 61.8840



55.5599, 59.5521, 67.8953



57.6587, 59.5521, 67.8931

Rectangle

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



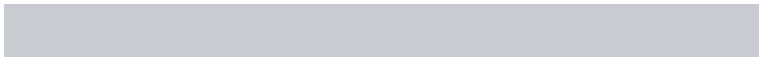
57.6580, 59.5521, 61.8819



56.4727, 59.5521, 60.6997



55.5599, 59.5521, 67.8953



56.7324, 59.5521, 69.1689

Sweetspot

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



57.6597, 59.5547, 61.8832



93.0320, 97.2606, 104.2301



58.0357, 58.5957, 67.2835



19.9338, 20.8465, 22.3584



0.0000, 0.0000, 0.0000



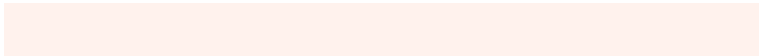
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6597, 59.5547, 61.8832



88.1865, 90.6602, 93.0870



59.0850, 62.4053, 62.3583



12.2868, 12.6118, 12.8980



17.0448, 10.0227, 1.0362



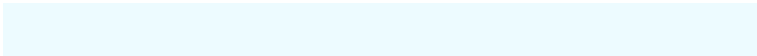
1.0173, 0.6890, 0.0794

Inverse Universe

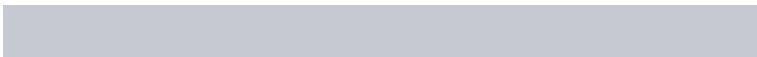
The Inverse Universe completely reimagines the original color for something new.



57.2343, 61.2836, 69.7858



87.3764, 93.9528, 108.1372



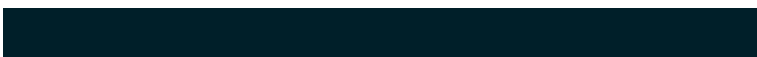
55.8090, 58.4331, 69.3107



12.1666, 13.1003, 15.1310



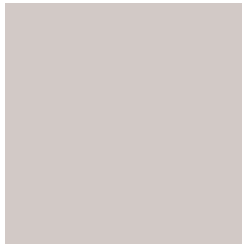
14.5790, 17.8047, 39.8607



0.8760, 1.1173, 2.2491

Previews

White Background



This preview shows how the XYZ color 57.6580, 59.5521, 61.8819 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 57.6580, 59.5521, 61.8819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

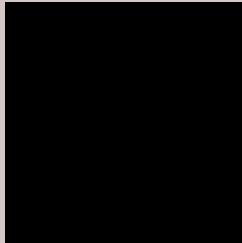
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6580, 59.5521, 61.8819

Background



This preview shows how black text looks on a background with the XYZ color 57.6580, 59.5521, 61.8819.



This preview shows how white text looks on a background with the XYZ color 57.6580, 59.5521,

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

57.6580, 59.5521, 61.8819

Protanopia

57.0457, 59.5837, 61.9202

Deuteranopia

60.7892, 59.4507, 62.3040



Tritanopia

59.7124, 59.6989, 71.9942

Trichromacy



Original Color

57.6580, 59.5521, 61.8819

Protanomaly

57.3260, 59.7282, 61.9334

Deuteranomaly

59.7163, 59.5718, 62.3839

Tritanomaly

58.9034, 59.7115, 68.0954

Monochromacy



Original Color

57.6580, 59.5521, 61.8819

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.1167, 59.5799, 63.7480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6580, 59.5521, 61.8819 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, 201, 198) looks like.

```
.text, #text, p{  
    color:rgb(210, 201, 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(210, 201, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 201, 198) }
```

Border

The CSS property to change the border of an element to XYZ 57.6580, 59.5521, 61.8819 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, 201, 198) }
```


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

```
.border{ border-color:rgb(210, 201, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 201, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 201, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 201, 198);  
box-shadow:4px 4px 4px 4px rgb(210, 201,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6580, 59.5521, 61.8819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 201, 198) }
```

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

```
.background{ background-color: rgb(210,  
201, 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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