

Converting Colors

XYZ(57.8797, 62.1652, 68.0402)

Have a look what the booklet for
XYZ(57.8797, 62.1652, 68.0402)
contains.

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Color

**XYZ(57.6378, 61.8961,
67.9408)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D0CF
RGB	200, 208, 207
RGB Percent	78%, 82%, 81%
CMY	0.2157, 0.1843, 0.1882
CMYK	0.04, 0.00, 0.00, 0.18
HSL	172°, 8%, 80%
HSV	172°, 4%, 82%
XYZ	57.6378, 61.8961, 67.9408
YIQ	205.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

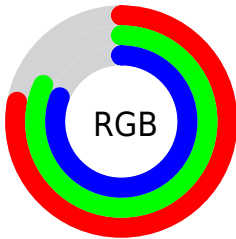
Format	Color
R _Y B	200, 204, 208
Decimal	13160655
CIE Lab	82.86, -2.90, -0.46
CIE LCh	83, 2.935, 189.006
Yxy	61.8961, 0.3074, 0.3302
Android (android.graphics.Color)	4291350735 (0xFFC8D0CF)
YUV	205.4940, 0.7425, -4.8182
Hunter-Lab	78.6741, -6.9079, 3.8706

Details

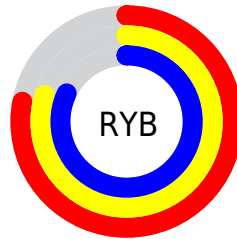
The XYZ color **57.6378, 61.8961, 67.9408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2116, 58.9372, 63.6220**, and the grayscale version is **58.3419, 61.3802, 66.8430**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1594, 31.5221, 34.6845** is the 20% darker color. If you saturate the color by 10%, you get **52.1404, 59.1003, 66.0341**, and if you desaturate by 10%, it is **63.8998, 65.0889, 69.9133**.

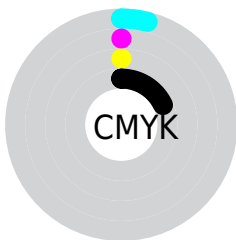
Distribution



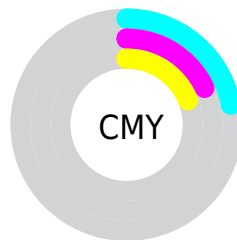
- Red (78%)
- Green (82%)
- Blue (81%)



- Red (78%)
- Yellow (80%)
- Blue (82%)



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



- Cyan (22%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6378, 61.8961, 67.9408 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 57.6378, 61.8961, 67.9408 by changing the saturation by 10% instead.

■ 57.6378, 61.8961,
67.9408

■ 57.6378, 61.8961,
67.9408

405.8106,
431.5520, 471.8786

■ 41.7597, 44.9488,
49.3832

100.5212,
107.5754, 117.9209

■ 29.1034, 31.4171,
34.5558

128.2572,
137.0760, 150.1804

■ 19.3038, 20.9166,
23.0401

160.6765,
171.5300, 187.8443

■ 11.9953, 13.0631,
14.4175

198.1446,
211.3215, 231.3312

■ 6.8126, 7.4720,
8.2696

241.0266,
256.8351, 281.0595

■ 3.3905, 3.7590,
4.1777

289.6881,

■ 1.3635, 1.5397,

308.4551, 337.4478

1.7233

344.4943,
366.5660, 400.9146

■ 0.2300, 0.3164,
0.3766

■ 0.0000, 0.0000,
0.0000

■ 57.6378, 61.8961,
67.9408

■ 57.6378, 61.8961,
67.9408

■ 52.1404, 59.1003,
66.0341

■ 63.8998, 65.0889,
69.9133

■ 47.3719, 56.6780,
64.1877

■ 70.9498, 68.6855,
71.9490

■ 43.3018, 54.6151,
62.4012

■ 76.0402, 71.2714,
73.9207

■ 39.8952, 52.8937,
60.6728

■ 76.3777, 71.4064,
75.6979

■ 37.1143, 51.4942,
59.0006

■ 76.7206, 71.5435,
77.5033

■ 34.9174, 50.3952,
57.3826

■ 77.0688, 71.6828,
79.3371

■ 33.2578, 49.5726,
55.8165

■ 77.4225, 71.8243,
81.1994

■ 32.0814, 48.9985,
54.2995

■ 77.7815, 71.9679,
83.0904

■ 31.3229, 48.6393,
52.8285

■ 78.1461, 72.1137,
85.0101

Harmonies

Analogous

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



57.7027, 61.8961, 66.1546



57.6378, 61.8961, 67.9408



57.8907, 61.8961, 69.6096

Triad

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



57.6378, 61.8961, 67.9408



59.5989, 61.8961, 70.1363



59.2670, 61.8961, 64.1957

Complementary

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



57.6378, 61.8961, 67.9408



57.2116, 58.9372, 63.6220

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.



59.7802, 61.8961, 65.2266



57.6378, 61.8961, 67.9408



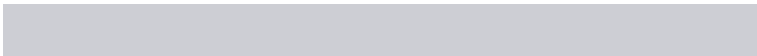
59.9727, 61.8961, 68.6495

Square

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



57.6378, 61.8961, 67.9408



59.0209, 61.8961, 70.8920



60.0393, 61.8961, 66.8508



58.6403, 61.8961, 64.0137

Rectangle

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



57.6378, 61.8961, 67.9408



58.2066, 61.8961, 70.4232



60.0393, 61.8961, 66.8508



59.4587, 61.8961, 64.4536

Sweetspot

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



57.6396, 61.8987, 67.9422



94.0666, 99.4990, 108.5855



57.0884, 61.7113, 63.5472



20.1445, 21.3022, 23.2451



0.0000, 0.0000, 0.0000



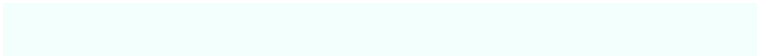
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6396, 61.8987, 67.9422



90.2575, 97.5590, 107.3380



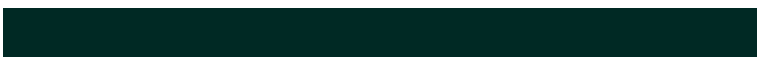
57.0537, 60.5302, 68.3540



12.5595, 13.6185, 15.0005



19.3404, 30.2291, 32.5021



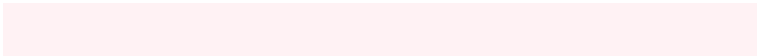
1.0997, 1.6975, 1.9137

Inverse Universe

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



57.2116, 58.9372, 63.6220



89.3727, 91.4356, 98.4057



57.7801, 60.2625, 63.2311



12.4218, 12.6654, 13.6103



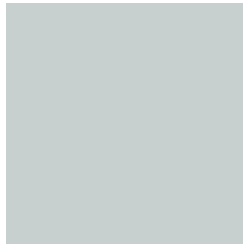
16.3487, 8.4123, 1.4763



0.9345, 0.4785, 0.1900

Previews

White Background



This preview shows how the XYZ color 57.6378, 61.8961, 67.9408 looks on a white background.

Color Contrast Check

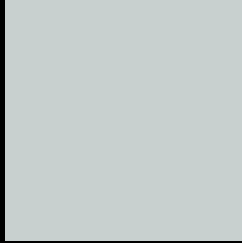
Large Text (above 18pt) WCAG AA × Fail

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 57.6378, 61.8961, 67.9408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

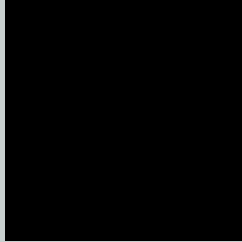
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

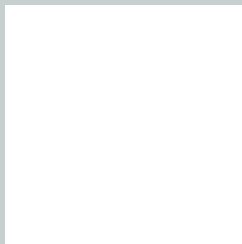
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6378, 61.8961, 67.9408

Background



This preview shows how black text looks on a background with the XYZ color 57.6378, 61.8961, 67.9408.



This preview shows how white text looks on a background with the XYZ color 57.6378, 61.8961,

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

57.6378, 61.8961, 67.9408

Protanopia

59.4291, 61.7721, 66.5486

Deuteranopia

63.2142, 61.9196, 68.9415



Tritanopia

59.6132, 61.9731, 77.9273

Trichromacy



Original Color

57.6378, 61.8961, 67.9408

Protanomaly

58.6655, 61.7207, 67.2138

Deuteranomaly

61.0600, 61.8649, 68.3974

Tritanomaly

58.9246, 62.0529, 74.5174

Monochromacy



Original Color

57.6378, 61.8961, 67.9408

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.8405, 61.2954, 67.1752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6378, 61.8961, 67.9408 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(200, 208, 207) looks like.

```
.text, #text, p{  
    color:rgb(200, 208, 207)  
}
```

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(200, 208, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 208, 207) }
```

Border

The CSS property to change the border of an element to XYZ 57.6378, 61.8961, 67.9408 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(200, 208, 207) }
```


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

```
.border{ border-color:rgb(200, 208, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 208, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 208, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 208, 207);  
box-shadow:4px 4px 4px 4px rgb(200, 208,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6378, 61.8961, 67.9408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 208, 207) }
```

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

```
.background{ background-color: rgb(200,  
208, 207) }
```

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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