

Converting Colors

XYZ(57.5730, 61.8009, 70.2638)

Have a look what the booklet for
XYZ(57.5730, 61.8009, 70.2638)
contains.

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Color

**XYZ(57.6024, 61.8207,
70.5246)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D0D3
RGB	198, 208, 211
RGB Percent	78%, 82%, 83%
CMY	0.2235, 0.1843, 0.1725
CMYK	0.06, 0.01, 0.00, 0.17
HSL	194°, 13%, 80%
HSV	194°, 6%, 83%
XYZ	57.6024, 61.8207, 70.5246
YIQ	205.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

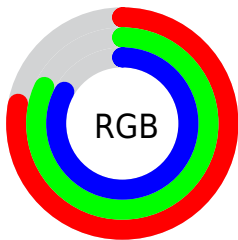
Format	Color
RYB	198, 204, 211
Decimal	13029587
CIELab	82.82, -2.81, -2.67
CIELCh	83, 3.877, 223.492
Yxy	61.8207, 0.3033, 0.3255
Android (android.graphics.Color)	4291219667 (0xFFC6D0D3)
YUV	205.3520, 2.7845, -6.4477
Hunter-Lab	78.6261, -6.8246, 1.8575

Details

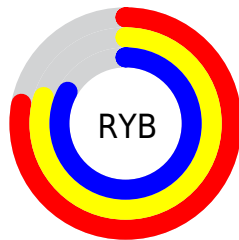
The XYZ color **57.6024, 61.8207, 70.5246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9437, 59.6986, 61.8959**, and the grayscale version is **58.2399, 61.2729, 66.7261**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1430, 31.4748, 36.4375** is the 20% darker color. If you saturate the color by 10%, you get **51.2564, 56.8174, 69.8943**, and if you desaturate by 10%, it is **64.7632, 67.3014, 71.2060**.

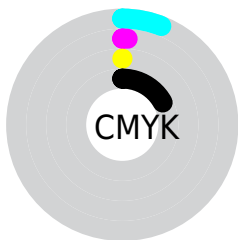
Distribution



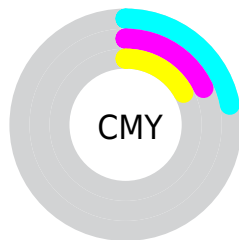
- Red (78%)
- Green (82%)
- Blue (83%)



- Red (78%)
- Yellow (80%)
- Blue (83%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6024, 61.8207, 70.5246 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 57.6024, 61.8207, 70.5246 by changing the saturation by 10% instead.

■ 57.6024, 61.8207,
70.5246

■ 57.6024, 61.8207,
70.5246

405.6805,
431.2768, 481.2286

■ 41.7311, 44.8878,
51.4749

100.4699,
107.4664, 121.6447

■ 29.0810, 31.3691,
36.2073

128.1969,
136.9479, 154.5521

■ 19.2867, 20.8801,
24.3034

160.6064,
171.3812, 192.9159

■ 11.9828, 13.0364,
15.3446

198.0639,
211.1506, 237.1546

■ 6.8041, 7.4536,
8.9123

240.9347,
256.6404, 287.6866

■ 3.3851, 3.7474,
4.5880

289.5842,

■ 1.3606, 1.5333,

308.2351, 344.9306

1.9531

344.3777,
366.3191, 409.3051

■ 0.2279, 0.3120,
0.5262

■ 0.0000, 0.0000,
0.0000

■ 57.6024, 61.8207,
70.5246

■ 57.6024, 61.8207,
70.5246

■ 51.2564, 56.8174,
69.8943

■ 64.7632, 67.3014,
71.2060

■ 45.6875, 52.2667,
69.3094

■ 72.7636, 73.2677,
71.9360

■ 40.8634, 48.1528,
68.7696

■ 79.2778, 78.5226,
72.6069

■ 36.7468, 44.4562,
68.2731

■ 80.5928, 81.1528,
73.0453

■ 33.2975, 41.1557,
67.8178

■ 81.9455, 83.8581,
73.4962

■ 30.4709, 38.2277,
67.4016

■ 83.3361, 86.6393,
73.9597

■ 28.2167, 35.6458,
67.0221

■ 84.7649, 89.4969,
74.4360

■ 26.4764, 33.3794,
66.6763

■ 86.2322, 92.4315,
74.9251

■ 25.1767, 31.3900,
66.3609

■ 87.7383, 95.4437,
75.4271

Harmonies

Analogous

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



57.2123, 61.8207, 68.3900



57.6024, 61.8207, 70.5246



58.3040, 61.8207, 71.8147

Triad

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



57.6024, 61.8207, 70.5246



60.3105, 61.8207, 68.6264



58.3852, 61.8207, 62.9421

Complementary

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



57.6024, 61.8207, 70.5246



57.9437, 59.6986, 61.8959

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.



59.2158, 61.8207, 63.0020



57.6024, 61.8207, 70.5246



60.3328, 61.8207, 66.2458

Square

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



57.6024, 61.8207, 70.5246



59.8699, 61.8207, 70.7011



59.9304, 61.8207, 64.1989



57.6613, 61.8207, 64.0334

Rectangle

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



57.6024, 61.8207, 70.5246



58.8565, 61.8207, 72.0037



59.9304, 61.8207, 64.1989



58.6610, 61.8207, 62.8291

Sweetspot

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



57.6042, 61.8233, 70.5260



92.8246, 98.2978, 108.6887



57.1049, 62.8037, 64.2587



19.8916, 21.0577, 23.2661



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

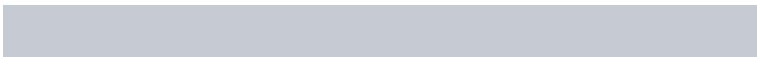
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.6042, 61.8233, 70.5260



87.4866, 94.1733, 108.1740



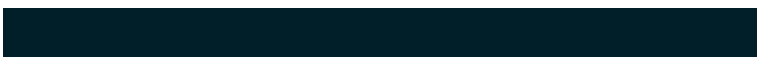
56.0937, 58.8024, 70.0225



12.1829, 13.1331, 15.1365



15.0132, 18.6729, 40.0054



0.8971, 1.1595, 2.2561

Inverse Universe

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



58.4445, 58.7922, 67.9454



88.9622, 88.8731, 103.6377



59.4475, 62.7063, 62.3972



12.4021, 12.3475, 14.4624



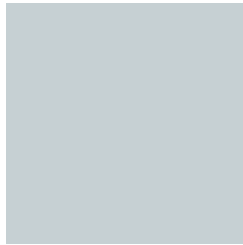
20.2087, 9.9563, 21.8028



1.1591, 0.5683, 1.3725

Previews

White Background



This preview shows how the XYZ color 57.6024, 61.8207, 70.5246 looks on a white background.

Color Contrast Check

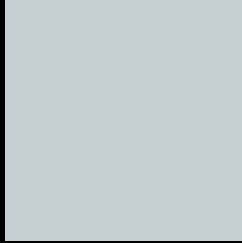
Large Text (above 18pt) WCAG AA × Fail

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 57.6024, 61.8207, 70.5246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

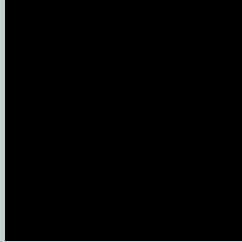
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

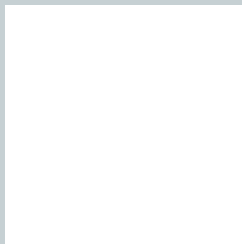
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6024, 61.8207, 70.5246

Background



This preview shows how black text looks on a background with the XYZ color 57.6024, 61.8207, 70.5246.

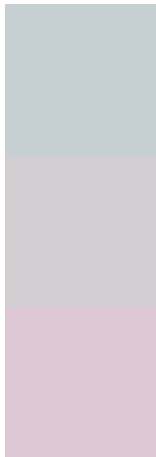


This preview shows how white text looks on a background with the XYZ color 57.6024, 61.8207,

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

57.6024, 61.8207, 70.5246

Protanopia

59.6344, 61.8214, 69.1113

Deuteranopia

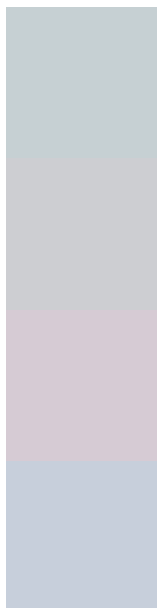
63.0959, 61.8006, 71.5540



Tritanopia

59.2100, 61.7497, 78.6102

Trichromacy



Original Color

57.6024, 61.8207, 70.5246

Protanomaly

58.8810, 61.7749, 69.7932

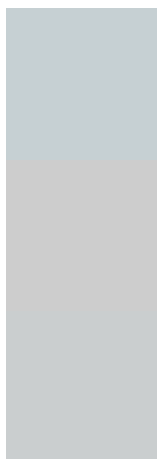
Deuteranomaly

60.9712, 61.7615, 70.9950

Tritanomaly

58.6522, 61.8822, 75.8710

Monochromacy



Original Color

57.6024, 61.8207, 70.5246

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.6909, 61.2042, 67.8044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6024, 61.8207, 70.5246 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(198, 208, 211)` looks like.

```
.text, #text, p{  
    color:rgb(198, 208, 211)  
}
```

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(198, 208, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 208, 211) }
```

Border

The CSS property to change the border of an element to XYZ 57.6024, 61.8207, 70.5246 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(198, 208, 211) }
```


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

```
.border{ border-color:rgb(198, 208, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 208, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 208, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 208, 211);  
box-shadow:4px 4px 4px 4px rgb(198, 208,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6024, 61.8207, 70.5246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 208, 211) }
```

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

```
.background{ background-color: rgb(198,  
208, 211) }
```

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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