

Converting Colors

XYZ(57.6779, 61.1301, 70.6732)

Have a look what the booklet for
XYZ(57.6779, 61.1301, 70.6732)
contains.

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Color

**XYZ(57.6486, 61.1251,
70.3879)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CED3
RGB	200, 206, 211
RGB Percent	78%, 81%, 83%
CMY	0.2157, 0.1921, 0.1725
CMYK	0.05, 0.02, 0.00, 0.17
HSL	207°, 11%, 81%
HSV	207°, 5%, 83%
XYZ	57.6486, 61.1251, 70.3879
YIQ	204.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

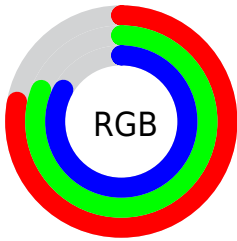
Format	Color
R _Y B	200, 204, 211
Decimal	13160147
CIE Lab	82.45, -1.10, -3.20
CIE LCh	82, 3.380, 251.083
Yxy	61.1251, 0.3048, 0.3231
Android (android.graphics.Color)	4291350227 (0xFFC8CED3)
YUV	204.7760, 3.0684, -4.1886
Hunter-Lab	78.1825, -5.2009, 1.3489

Details

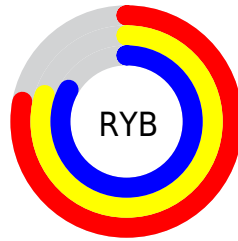
The XYZ color **57.6486, 61.1251, 70.3879** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1208, 61.6812, 63.4343**, and the grayscale version is **57.8710, 60.8848, 66.3035**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1681, 31.0018, 36.3449** is the 20% darker color. If you saturate the color by 10%, you get **50.1605, 53.9447, 69.3976**, and if you desaturate by 10%, it is **66.0587, 68.9930, 71.4642**.

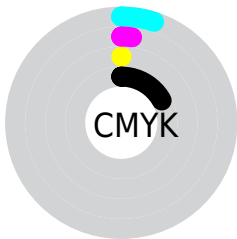
Distribution



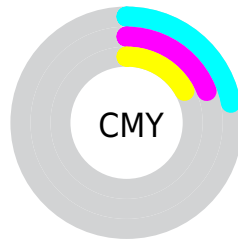
- Red (78%)
- Green (81%)
- Blue (83%)



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



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6486, 61.1251, 70.3879 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 57.6486, 61.1251, 70.3879 by changing the saturation by 10% instead.

■ 57.6486, 61.1251,
70.3879

■ 57.6486, 61.1251,
70.3879

405.8503,
428.7325, 480.7367

■ 41.7684, 44.3261,
51.3641

100.5369,
106.4601, 121.4481

■ 29.1103, 30.9270,
36.1197

128.2756,
135.7648, 154.3215

■ 19.3090, 20.5433,
24.2362

160.6979,
170.0070, 192.6485

■ 11.9991, 12.7906,
15.2951

198.1692,
209.5710, 236.8477

■ 6.8152, 7.2845,
8.8779

241.0547,
254.8411, 287.3375

■ 3.3921, 3.6406,
4.5659

289.7198,

■ 1.3644, 1.4746,

306.2018, 344.5366

1.9406

344.5298,
364.0375, 408.8635

■ 0.2306, 0.2708,
0.5184

■ 0.0000, 0.0000,
0.0000

■ 57.6486, 61.1251,
70.3879

■ 57.6486, 61.1251,
70.3879

■ 50.1605, 53.9447,
69.3976

■ 66.0587, 68.9930,
71.4642

■ 43.5549, 47.4229,
68.4869

■ 75.4177, 77.5610,
72.6247

■ 37.7973, 41.5396,
67.6547

■ 82.6375, 85.2421,
73.7268

■ 32.8485, 36.2708,
66.8986

■ 85.4524, 90.8718,
74.6651

■ 28.6663, 31.5907,
66.2157

■ 88.4173, 96.8017,
75.6534

■ 25.2040, 27.4710,
65.6030

■ 88.7580, 97.4832,
75.7670

■ 22.4095, 23.8807,
65.0573

■ 20.2225, 20.7842,
64.5748

■ 18.5699, 18.1392,
64.1514

Harmonies

Analogous

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



57.0573, 61.1251, 69.2024



57.6486, 61.1251, 70.3879



58.3649, 61.1251, 70.5339

Triad

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



57.6486, 61.1251, 70.3879



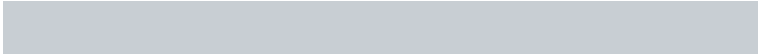
59.4708, 61.1251, 65.7933



57.1899, 61.1251, 63.6023

Complementary

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



57.6486, 61.1251, 70.3879



59.1208, 61.6812, 63.4343

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.



57.8311, 61.1251, 62.7283



57.6486, 61.1251, 70.3879



59.1504, 61.1251, 63.9757

Square

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



57.6486, 61.1251, 70.3879



59.4210, 61.1251, 67.8523



58.5489, 61.1251, 62.8635



56.7940, 61.1251, 65.2740

Rectangle

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



57.6486, 61.1251, 70.3879



58.8174, 61.1251, 70.0188



58.5489, 61.1251, 62.8635



57.3837, 61.1251, 63.2070

Sweetspot

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



57.6504, 61.1277, 70.3892



92.4639, 97.5763, 108.5685



58.1281, 63.2742, 66.8764



19.8182, 20.9108, 23.2416



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.



57.6504, 61.1277, 70.3892



87.4662, 92.8583, 107.9212



56.3602, 58.5474, 69.9592



12.1568, 12.9160, 15.0960



10.9099, 10.4665, 38.6377



0.6888, 0.7428, 2.1866

Inverse Universe

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



58.6602, 59.6149, 66.8106



89.2629, 90.1841, 101.5501



60.4481, 64.3357, 63.8767



12.4291, 12.5123, 14.1300



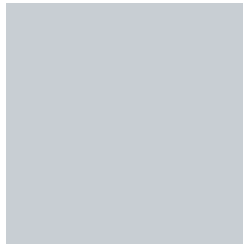
18.1376, 9.1279, 10.8965



1.0539, 0.5263, 0.8186

Previews

White Background



This preview shows how the XYZ color 57.6486, 61.1251, 70.3879 looks on a white background.

Color Contrast Check

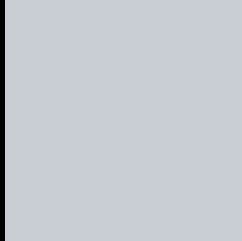
Large Text (above 18pt) WCAG AA × Fail

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 57.6486, 61.1251, 70.3879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

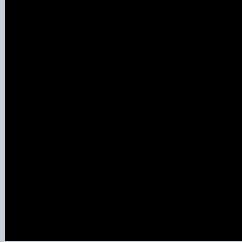
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

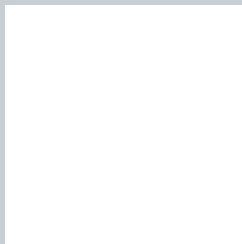
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6486, 61.1251, 70.3879

Background



This preview shows how black text looks on a background with the XYZ color 57.6486, 61.1251, 70.3879.

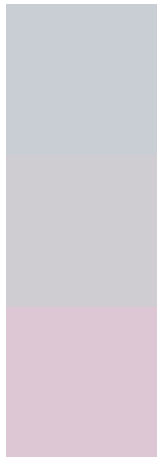


This preview shows how white text looks on a background with the XYZ color 57.6486, 61.1251,

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

57.6486, 61.1251, 70.3879

Protanopia

58.9579, 61.1043, 69.6597

Deuteranopia

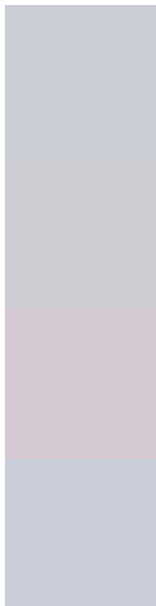
62.1259, 60.9725, 70.7818



Tritanopia

59.0011, 60.9627, 77.0639

Trichromacy



Original Color

57.6486, 61.1251, 70.3879

Protanomaly

58.3660, 61.1532, 69.7003

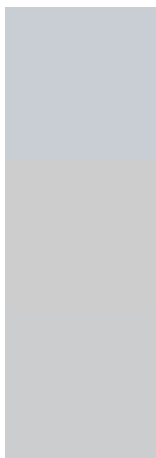
Deuteranomaly

60.4448, 61.1407, 70.9029

Tritanomaly

58.4431, 61.0899, 74.3569

Monochromacy



Original Color

57.6486, 61.1251, 70.3879

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.7224, 60.8641, 67.7371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6486, 61.1251, 70.3879 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, 206, 211) looks like.

```
.text, #text, p{  
    color:rgb(200, 206, 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(200, 206, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 206, 211) }
```

Border

The CSS property to change the border of an element to XYZ 57.6486, 61.1251, 70.3879 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, 206, 211) }
```


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

```
.border{ border-color:rgb(200, 206, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 206, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 206, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 206, 211);  
box-shadow:4px 4px 4px 4px rgb(200, 206,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6486, 61.1251, 70.3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 206, 211) }
```

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

```
.background{ background-color: rgb(200,  
206, 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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