

Converting Colors

XYZ(57.1075, 60.8170, 71.6798)

Have a look what the booklet for
XYZ(57.1075, 60.8170, 71.6798)
contains.

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Color

**XYZ(57.1075, 60.8170,
71.6798)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CED5
RGB	197, 206, 213
RGB Percent	77%, 81%, 84%
CMY	0.2274, 0.1921, 0.1647
CMYK	0.08, 0.03, 0.00, 0.16
HSL	206°, 16%, 80%
HSV	206°, 8%, 84%
XYZ	57.1075, 60.8170, 71.6798
YIQ	204.1070, -7.6110, 0.2690

Conversions

Conversions Part 2

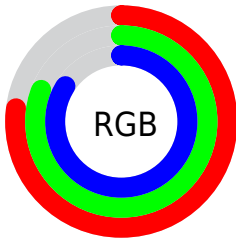
Format	Color
RYP	197, 203, 213
Decimal	12963541
CIELab	82.28, -1.71, -4.54
CIElCh	82, 4.847, 249.339
Yxy	60.8170, 0.3012, 0.3208
Android (android.graphics.Color)	4291153621 (0xFFC5CED5)
YUV	204.1070, 4.3842, -6.2328
Hunter-Lab	77.9853, -5.7612, 0.0935

Details

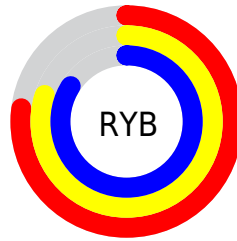
The XYZ color **57.1075, 60.8170, 71.6798** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1118, 61.3627, 61.5530**, and the grayscale version is **57.4402, 60.4315, 65.8100**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **28.7275, 30.7647, 36.7718** is the 20% darker color. If you saturate the color by 10%, you get **49.7434, 53.7913, 70.7128**, and if you desaturate by 10%, it is **65.3961, 68.5199, 72.7307**.

Distribution



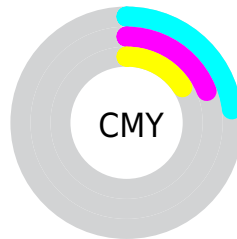
- Red (77%)
- Green (81%)
- Blue (84%)



- Red (77%)
- Yellow (80%)
- Blue (84%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (23%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1075, 60.8170, 71.6798 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 57.1075, 60.8170, 71.6798 by changing the saturation by 10% instead.

■ 57.1075, 60.8170,
71.6798

■ 57.1075, 60.8170,
71.6798

403.8597,
427.6027, 485.3739

■ 41.3320, 44.0775,
52.4119

99.7525, 106.0139,
123.3047

■ 28.7674, 30.7314,
36.9490

127.3527,
135.2401, 156.4987

■ 19.0484, 20.3944,
24.8725

159.6252,
169.3974, 195.1719

■ 11.8094, 12.6821,
15.7640

196.9354,
208.8700, 239.7428

■ 6.6853, 7.2100,
9.2047

239.6486,
254.0425, 290.6299

■ 3.3107, 3.5938,
4.7763

288.1301,

■ 1.3201, 1.4490,

305.2992, 348.2517

2.0602

342.7454,
363.0244, 413.0269

■ 0.1982, 0.2524,
0.5919

■ 0.0000, 0.0000,
0.0000

■ 57.1075, 60.8170,
71.6798

■ 57.1075, 60.8170,
71.6798

■ 49.7434, 53.7913,
70.7128

■ 65.3961, 68.5199,
72.7307

■ 43.2634, 47.4137,
69.8233

■ 74.6370, 76.9127,
73.8636

■ 37.6317, 41.6638,
69.0103

■ 82.6587, 84.8807,
74.9788

■ 32.8079, 36.5173,
68.2712

■ 85.3800, 90.3232,
75.8859

■ 28.7482, 31.9478,
67.6031

■ 88.2427, 96.0488,
76.8401

■ 25.4039, 27.9266,
67.0032

■ 89.0104, 97.5842,
77.0960

■ 22.7203, 24.4214,
66.4681

■ 20.6338, 21.3954,
65.9940

■ 19.0575, 18.7997,
65.5760

Harmonies

Analogous

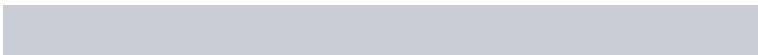
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.2838, 60.8170, 69.8872



57.1075, 60.8170, 71.6798



58.1273, 60.8170, 71.9861

Triad

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



57.1075, 60.8170, 71.6798



59.7847, 60.8170, 65.3015



56.5561, 60.8170, 61.9211

Complementary

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



57.1075, 60.8170, 71.6798



59.1118, 61.3627, 61.5530

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.



57.4834, 60.8170, 60.7692



57.1075, 60.8170, 71.6798



59.3529, 60.8170, 62.6822

Square

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



57.1075, 60.8170, 71.6798



59.6812, 60.8170, 68.2446



58.5076, 60.8170, 61.0435



55.9680, 60.8170, 64.2346

Rectangle

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



57.1075, 60.8170, 71.6798



58.7824, 60.8170, 71.2974



58.5076, 60.8170, 61.0435



56.8380, 60.8170, 61.3884

Sweetspot

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



57.1093, 60.8196, 71.6811



92.4911, 97.6308, 108.5776



57.7123, 63.8163, 66.3619



19.8238, 20.9219, 23.2435



0.0000, 0.0000, 0.0000



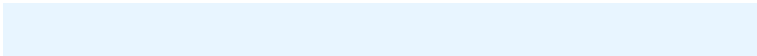
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1093, 60.8196, 71.6811



83.9864, 89.6671, 107.4887



55.2465, 57.0941, 71.0602



12.3165, 13.1565, 15.8278



11.5317, 11.3251, 40.0313



0.7773, 0.8466, 2.4417

Inverse Universe

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



58.5488, 58.5361, 66.6082



86.5866, 85.5917, 98.3145



61.0464, 65.2320, 62.1979



12.7130, 12.5367, 14.4287



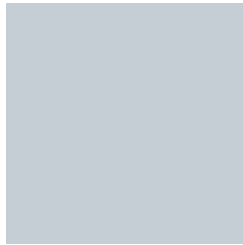
18.8795, 9.4881, 11.9355



1.1800, 0.5888, 0.9372

Previews

White Background



This preview shows how the XYZ color 57.1075, 60.8170, 71.6798 looks on a white background.

Color Contrast Check

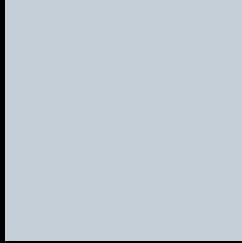
Large Text (above 18pt) WCAG AA × Fail

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 57.1075, 60.8170, 71.6798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

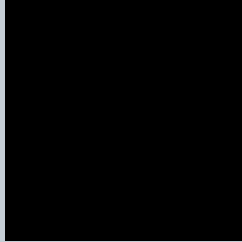
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

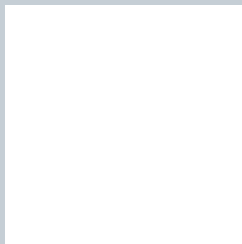
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1075, 60.8170, 71.6798

Background



This preview shows how black text looks on a background with the XYZ color 57.1075, 60.8170, 71.6798.



This preview shows how white text looks on a background with the XYZ color 57.1075, 60.8170,

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

57.1075, 60.8170, 71.6798

Protanopia

58.5674, 60.5368, 70.2260

Deuteranopia

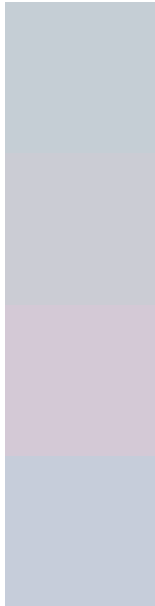
61.9750, 60.5101, 72.7032



Tritanopia

58.1712, 60.8889, 77.0934

Trichromacy



Original Color

57.1075, 60.8170, 71.6798

Protanomaly

58.1051, 60.6357, 70.9287

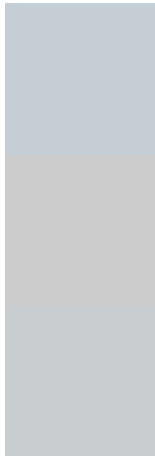
Deuteranomaly

60.1756, 60.6254, 72.1486

Tritanomaly

57.7749, 60.7304, 75.0067

Monochromacy



Original Color

57.1075, 60.8170, 71.6798

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.1812, 60.5851, 67.7118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1075, 60.8170, 71.6798 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(197, 206, 213) looks like.

```
.text, #text, p{  
    color:rgb(197, 206, 213)  
}
```

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(197, 206, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 206, 213) }
```

Border

The CSS property to change the border of an element to XYZ 57.1075, 60.8170, 71.6798 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(197, 206, 213) }
```


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

```
.border{ border-color:rgb(197, 206, 213) }
```

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

Here you see how a box with a 4 pixel rgb(197, 206, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 206, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 206, 213);  
box-shadow:4px 4px 4px 4px rgb(197, 206,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1075, 60.8170, 71.6798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 206, 213) }
```

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

```
.background{ background-color: rgb(197,  
206, 213) }
```

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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