

Converting Colors

XYZ(58.3326, 61.8816, 71.5951)

Have a look what the booklet for
XYZ(58.3326, 61.8816, 71.5951)
contains.

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Color

**XYZ(58.4105, 61.8473,
71.8099)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CFD5
RGB	201, 207, 213
RGB Percent	79%, 81%, 84%
CMY	0.2118, 0.1882, 0.1647
CMYK	0.06, 0.03, 0.00, 0.16
HSL	210°, 12%, 81%
HSV	210°, 6%, 84%
XYZ	58.4105, 61.8473, 71.8099
YIQ	205.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

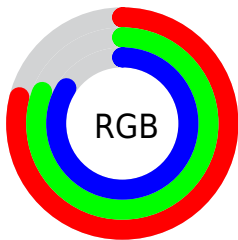
Format	Color
R _Y B	201, 205, 213
Decimal	13225941
CIE Lab	82.83, -0.90, -3.69
CIE LCh	83, 3.798, 256.228
Yxy	61.8473, 0.3041, 0.3220
Android (android.graphics.Color)	4291416021 (0xFFC9CFD5)
YUV	205.8900, 3.5052, -4.2885
Hunter-Lab	78.6431, -5.0482, 0.9117

Details

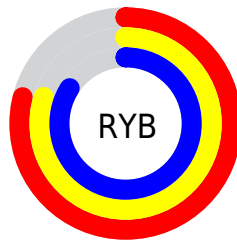
The XYZ color **58.4105, 61.8473, 71.8099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2962, 62.9882, 64.2394**, and the grayscale version is **58.5782, 61.6288, 67.1138**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.5954, 31.4541, 36.8592** is the 20% darker color. If you saturate the color by 10%, you get **50.5848, 54.1145, 70.7307**, and if you desaturate by 10%, it is **67.2077, 70.3424, 72.9869**.

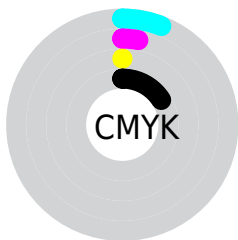
Distribution



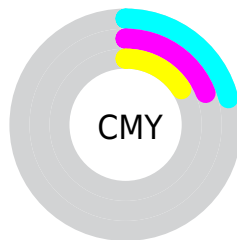
- Red (79%)
- Green (81%)
- Blue (84%)



- Red (79%)
- Yellow (80%)
- Blue (84%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4105, 61.8473, 71.8099 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 58.4105, 61.8473, 71.8099 by changing the saturation by 10% instead.

■ 58.4105, 61.8473,
71.8099

■ 58.4105, 61.8473,
71.8099

408.6431,
431.3739, 485.8394

■ 42.3833, 44.9093,
52.5175

101.6399,
107.5048, 123.4914

■ 29.5940, 31.3860,
37.0327

129.5729,
136.9931, 156.7176

■ 19.6771, 20.8930,
24.9368

162.2051,
171.4337, 195.4256

■ 12.2675, 13.0458,
15.8114

199.9020,
211.2109, 240.0337

■ 6.9996, 7.4601,
9.2379

243.0289,
256.7091, 290.9606

■ 3.5082, 3.7515,
4.7977

291.9511,

■ 1.4278, 1.5355,

308.3127, 348.6248

2.0724

347.0340,
366.4062, 413.4449

■ 0.2759, 0.3135,
0.5993

■ 0.0000, 0.0000,
0.0000

■ 58.4105, 61.8473,
71.8099

■ 58.4105, 61.8473,
71.8099

■ 50.5848, 54.1145,
70.7307

■ 67.2077, 70.3424,
72.9869

■ 43.6893, 47.1125,
69.7426

■ 77.0048, 79.6144,
74.2602

■ 37.6876, 40.8192,
68.8442

■ 84.0986, 87.7605,
75.4587

■ 32.5387, 35.2080,
68.0325

■ 87.3061, 94.1756,
76.5279

■ 28.1981, 30.2504,
67.3044

■ 89.0104, 97.5842,
77.0960

■ 24.6168, 25.9154,
66.6564

■ 21.7401, 22.1689,
66.0849

■ 19.5049, 18.9720,
65.5856

■ 17.8339, 16.2784,
65.1538

Harmonies

Analogous

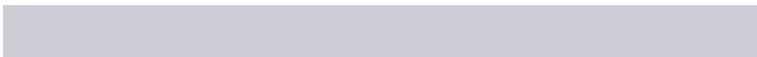
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.7030, 61.8473, 70.6453



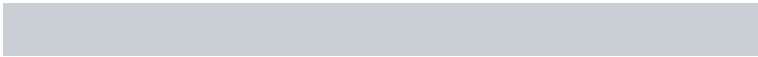
58.4105, 61.8473, 71.8099



59.2245, 61.8473, 71.7578

Triad

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



58.4105, 61.8473, 71.8099



60.3066, 61.8473, 66.0907



57.6560, 61.8473, 64.2740

Complementary

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



58.4105, 61.8473, 71.8099



60.2962, 62.9882, 64.2394

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.



58.3457, 61.8473, 63.1096



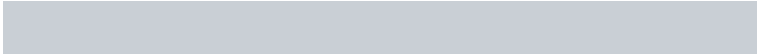
58.4105, 61.8473, 71.8099



59.8784, 61.8473, 64.1418

Square

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



58.4105, 61.8473, 71.8099



60.3243, 61.8473, 68.4189



59.1591, 61.8473, 63.0618



57.2701, 61.8473, 66.2749

Rectangle

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



58.4105, 61.8473, 71.8099



59.7181, 61.8473, 71.0392



59.1591, 61.8473, 63.0618



57.8597, 61.8473, 63.7738

Sweetspot

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



58.4123, 61.8499, 71.8113



92.3909, 97.4302, 108.5441



59.1207, 64.5022, 68.2385



19.8033, 20.8811, 23.2367



0.0000, 0.0000, 0.0000



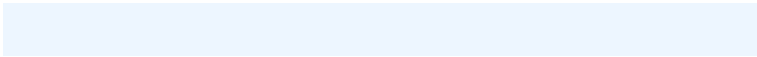
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4123, 61.8499, 71.8113



86.0053, 91.2105, 107.6802



57.0320, 59.0893, 71.3512



12.5859, 13.3544, 15.8518



10.6222, 9.5062, 39.7282



0.7235, 0.7389, 2.4238

Inverse Universe

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



59.5911, 60.4257, 67.5571



88.2145, 88.5740, 99.7002



61.7281, 65.8521, 64.7167



12.9321, 12.9429, 14.6008



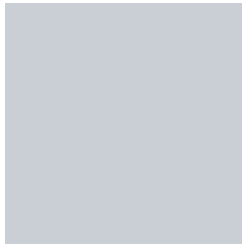
18.4205, 9.3045, 9.5181



1.1528, 0.5779, 0.7941

Previews

White Background



This preview shows how the XYZ color 58.4105, 61.8473, 71.8099 looks on a white background.

Color Contrast Check

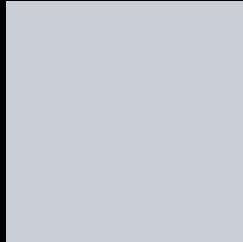
Large Text (above 18pt) WCAG AA × Fail

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 58.4105, 61.8473, 71.8099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

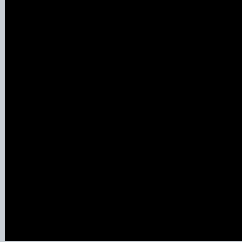
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

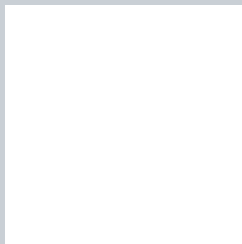
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4105, 61.8473, 71.8099

Background



This preview shows how black text looks on a background with the XYZ color 58.4105, 61.8473, 71.8099.

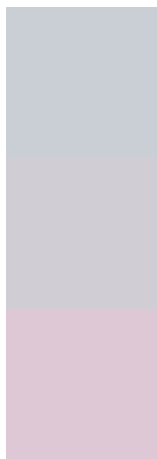


This preview shows how white text looks on a background with the XYZ color 58.4105, 61.8473,

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

58.4105, 61.8473, 71.8099

Protanopia

59.7274, 61.8260, 71.0730

Deuteranopia

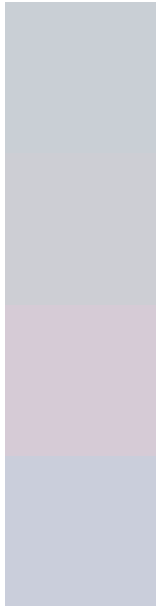
62.9161, 61.6932, 72.2103



Tritanopia

59.6132, 61.9731, 77.9273

Trichromacy



Original Color

58.4105, 61.8473, 71.8099

Protanomaly

59.1318, 61.8752, 71.1139

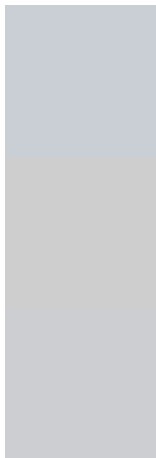
Deuteranomaly

61.2251, 61.8631, 72.3322

Tritanomaly

59.2146, 61.8136, 75.8281

Monochromacy



Original Color

58.4105, 61.8473, 71.8099

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.4818, 61.5834, 69.1261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4105, 61.8473, 71.8099 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(201, 207, 213) looks like.

```
.text, #text, p{  
    color:rgb(201, 207, 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(201, 207, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 207, 213) }
```

Border

The CSS property to change the border of an element to XYZ 58.4105, 61.8473, 71.8099 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(201, 207, 213) }
```


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

```
.border{ border-color:rgb(201, 207, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 207, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 207, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 207, 213);  
box-shadow:4px 4px 4px 4px rgb(201, 207,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4105, 61.8473, 71.8099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 207, 213) }
```

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

```
.background{ background-color: rgb(201,  
207, 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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