

Converting Colors

XYZ(58.0896, 59.0939, 71.4869)

Have a look what the booklet for
XYZ(58.0896, 59.0939, 71.4869)
contains.

XYZ(58.1181, 59.2345, 71.3210)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.1181, 59.2345,
71.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC8D5
RGB	206, 200, 213
RGB Percent	81%, 78%, 84%
CMY	0.1922, 0.2157, 0.1647
CMYK	0.03, 0.06, 0.00, 0.16
HSL	268°, 13%, 81%
HSV	268°, 6%, 84%
XYZ	58.1181, 59.2345, 71.3210
YIQ	203.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

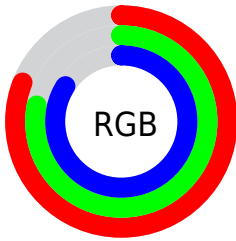
Format	Color
R _Y B	206, 200, 213
Decimal	13551829
CIE Lab	81.42, 4.47, -5.73
CIE LCh	81, 7.265, 307.977
Yxy	59.2345, 0.3080, 0.3140
Android (android.graphics.Color)	4291741909 (0xFFCEC8D5)
YUV	203.2760, 4.7939, 2.3889
Hunter-Lab	76.9640, 0.1045, -1.0681

Details

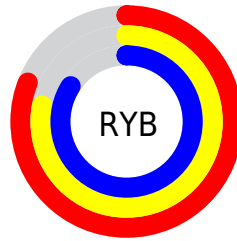
The XYZ color **58.1181, 59.2345, 71.3210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9540, 65.0256, 64.0379**, and the grayscale version is **56.9107, 59.8745, 65.2033**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3993, 29.7018, 36.5313** is the 20% darker color. If you saturate the color by 10%, you get **50.4556, 48.4656, 69.6472**, and if you desaturate by 10%, it is **66.7038, 71.5028, 73.2374**.

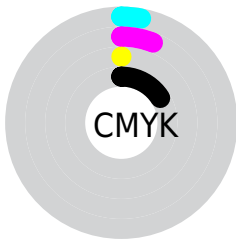
Distribution



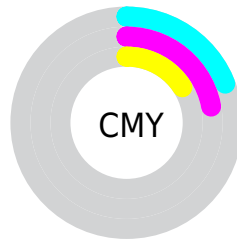
- Red (81%)
- Green (78%)
- Blue (84%)



- Red (81%)
- Yellow (78%)
- Blue (84%)



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



- Cyan (19%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1181, 59.2345, 71.3210 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 58.1181, 59.2345, 71.3210 by changing the saturation by 10% instead.

■ 58.1181, 59.2345,
71.3210

■ 58.1181, 59.2345,
71.3210

407.5726,
421.7704, 484.0886

■ 42.1472, 42.8019,
52.1208

101.2168,
103.7184, 122.7894

■ 29.4082, 29.7297,
36.7184

129.0753,
132.5385, 155.8946

■ 19.5357, 19.6335,
24.6955

161.6271,
166.2566, 194.4720

■ 12.1643, 12.1289,
15.6334

199.2376,
205.2571, 238.9399

■ 6.9286, 6.8316,
9.1136

242.2720,
249.9243, 289.7170

■ 3.4635, 3.3570,
4.7175

291.0957,

■ 1.4033, 1.3208,

300.6426, 347.2218

2.0267

346.0742,
357.7965, 411.8728

■ 0.2586, 0.1572,
0.5716

■ 0.0000, 0.0000,
0.0000

■ 58.1181, 59.2345,
71.3210

■ 58.1181, 59.2345,
71.3210

■ 50.4556, 48.4656,
69.6472

■ 66.7038, 71.5028,
73.2374

■ 43.6779, 39.1295,
68.2023

■ 76.2389, 85.3185,
75.4015

■ 37.7514, 31.1656,
66.9775

■ 83.8479, 94.9228,
76.8543

■ 32.6384, 24.5062,
65.9616

■ 87.8758, 96.9993,
77.0428

■ 28.2979, 19.0774,
65.1425

■ 89.0104, 97.5842,
77.0959

■ 24.6849, 14.7978,
64.5069

■ 21.7493, 11.5759,
64.0397

■ 19.4331, 9.3051,
63.7235

■ 17.6654, 7.8532,
63.5364

Harmonies

Analogous

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



56.7072, 59.2345, 73.1448



58.1181, 59.2345, 71.3210



59.0534, 59.2345, 67.6858

Triad

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



58.1181, 59.2345, 71.3210



57.4035, 59.2345, 57.0445



53.4558, 59.2345, 65.6648

Complementary

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



58.1181, 59.2345, 71.3210



59.9540, 65.0256, 64.0379

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.



53.6347, 59.2345, 61.4086



58.1181, 59.2345, 71.3210



55.8960, 59.2345, 56.5579

Square

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



58.1181, 59.2345, 71.3210



58.6357, 59.2345, 59.4821



54.5214, 59.2345, 58.1215



54.0283, 59.2345, 69.7847

Rectangle

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



58.1181, 59.2345, 71.3210



59.2719, 59.2345, 64.7921



54.5214, 59.2345, 58.1215



53.4303, 59.2345, 64.2014

Sweetspot

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



58.1198, 59.2370, 71.3223



92.4412, 96.2718, 108.3179



58.1811, 61.7840, 71.8107



19.8136, 20.6452, 23.1906



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.



58.1198, 59.2370, 71.3223



86.1686, 87.3572, 106.9278



59.9187, 60.1644, 71.4065



12.6114, 12.7521, 15.7342



10.5466, 4.5895, 38.7831



0.7310, 0.3257, 2.3437

Inverse Universe

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



59.3595, 59.9624, 67.4799



88.3198, 88.6161, 100.2546



58.2152, 64.1292, 63.9565



12.9486, 12.9495, 14.6877



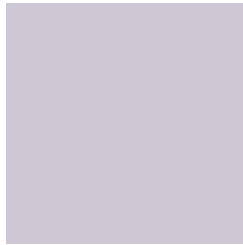
18.6946, 9.4142, 10.9618



1.1692, 0.5845, 0.8802

Previews

White Background



This preview shows how the XYZ color 58.1181, 59.2345, 71.3210 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 58.1181, 59.2345, 71.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

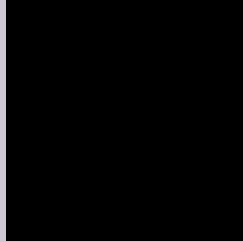
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

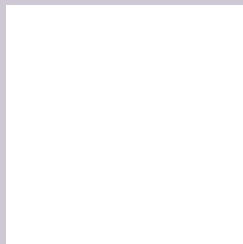
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1181, 59.2345, 71.3210

Background



This preview shows how black text looks on a background with the XYZ color 58.1181, 59.2345, 71.3210.

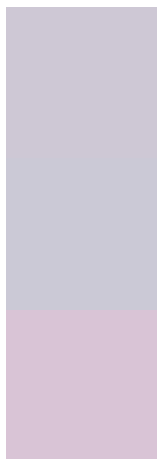


This preview shows how white text looks on a background with the XYZ color 58.1181, 59.2345,

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

58.1181, 59.2345, 71.3210

Protanopia

57.6528, 59.3248, 72.0305

Deuteranopia

60.4928, 59.0866, 71.8349



Tritanopia

58.3736, 59.3367, 72.6665

Trichromacy



Original Color

58.1181, 59.2345, 71.3210

Protanomaly

57.9261, 59.4657, 72.0433

Deuteranomaly

59.5444, 58.9337, 71.8553

Tritanomaly

58.2455, 59.2854, 71.9917

Monochromacy



Original Color

58.1181, 59.2345, 71.3210

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.2849, 59.5834, 67.5130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1181, 59.2345, 71.3210 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(206, 200, 213) looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 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(206, 200, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 213) }
```

Border

The CSS property to change the border of an element to XYZ 58.1181, 59.2345, 71.3210 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(206, 200, 213) }
```


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

```
.border{ border-color:rgb(206, 200, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 200, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 213);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1181, 59.2345, 71.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 213) }
```

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

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