

Converting Colors

XYZ(58.9573, 57.5299, 71.8093)

Have a look what the booklet for
XYZ(58.9573, 57.5299, 71.8093)
contains.

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Color

**XYZ(58.8700, 57.5847,
71.6305)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C2D6
RGB	213, 194, 214
RGB Percent	84%, 76%, 84%
CMY	0.1647, 0.2392, 0.1608
CMYK	0.00, 0.09, 0.00, 0.16
HSL	297°, 20%, 80%
HSV	297°, 9%, 84%
XYZ	58.8700, 57.5847, 71.6305
YIQ	201.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

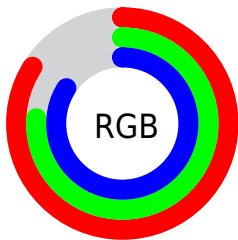
Format	Color
R _Y B	213, 194, 214
Decimal	14009046
CIE Lab	80.51, 10.23, -7.55
CIE LCh	81, 12.714, 323.560
Yxy	57.5847, 0.3130, 0.3062
Android (android.graphics.Color)	4292199126 (0xFFD5C2D6)
YUV	201.9610, 5.9352, 9.6812
Hunter-Lab	75.8846, 5.6793, -2.8470

Details

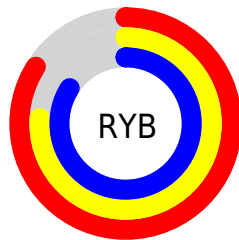
The XYZ color **58.8700, 57.5847, 71.6305** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2918, 63.5917, 60.3493**, and the grayscale version is **56.0781, 58.9986, 64.2494**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **29.7366, 28.5285, 36.7401** is the 20% darker color. If you saturate the color by 10%, you get **54.1374, 48.5778, 70.1423**, and if you desaturate by 10%, it is **64.2938, 67.9693, 73.3499**.

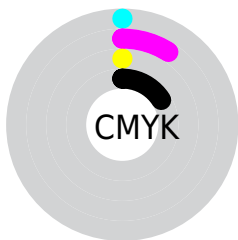
Distribution



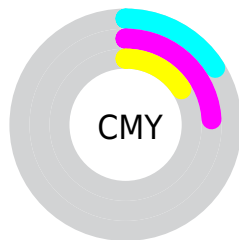
- Red (84%)
- Green (76%)
- Blue (84%)



- Red (84%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8700, 57.5847, 71.6305 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 58.8700, 57.5847, 71.6305 by changing the saturation by 10% instead.

■ 58.8700, 57.5847,
71.6305

■ 58.8700, 57.5847,
71.6305

410.3218,
415.6367, 485.1974

■ 42.7544, 41.4749,
52.3719

■ 102.3044,
101.3178, 123.2339

■ 29.8862, 28.6903,
36.9173

130.3540,
129.7099, 156.4157

■ 19.8999, 18.8467,
24.8482

163.1122,
162.9649, 195.0758

■ 12.4301, 11.5595,
15.7460

200.9446,
201.4671, 239.6325

■ 7.1116, 6.4445,
9.1922

244.2164,
245.6010, 290.5045

■ 3.5789, 3.1172,
4.7682

293.2929,

■ 1.4668, 1.1932,

295.7510, 348.1103

2.0556

348.5396,
352.3014, 412.8684

■ 0.3031, 0.0562,
0.5891

■ 0.0000, 0.0000,
0.0000

■ 58.8700, 57.5847,
71.6305

■ 58.8700, 57.5847,
71.6305

■ 54.1374, 48.5778,
70.1423

■ 64.2938, 67.9693,
73.3499

■ 50.0619, 40.8828,
68.8718

■ 70.4313, 79.7791,
75.3060

■ 46.6137, 34.4396,
67.8099

■ 76.2790, 91.0062,
77.1648

■ 43.7592, 29.1806,
66.9452

■ 76.5965, 91.1698,
77.1797

41.4613, 25.0319,
66.2656

76.9161, 91.3346,
77.1946

39.6788, 21.9109,
65.7571

77.2377, 91.5004,
77.2097

38.3649, 19.7240,
65.4042

77.5614, 91.6673,
77.2248

37.4640, 18.3604,
65.1885

77.8871, 91.8352,
77.2401

36.8837, 17.6347,
65.0790

78.2150, 92.0042,
77.2554

Harmonies

Analogous

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



56.7631, 57.5847, 76.8191



58.8700, 57.5847, 71.6305



59.8725, 57.5847, 64.3259

Triad

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



58.8700, 57.5847, 71.6305



55.2973, 57.5847, 49.4747



50.2599, 57.5847, 68.6222

Complementary

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



58.8700, 57.5847, 71.6305



56.2918, 63.5917, 60.3493

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.



49.8955, 57.5847, 61.1017



58.8700, 57.5847, 71.6305



52.7509, 57.5847, 50.4264

Square

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



58.8700, 57.5847, 71.6305



57.7679, 57.5847, 51.8334



50.7936, 57.5847, 54.5443



51.8054, 57.5847, 74.9881

Rectangle

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



58.8700, 57.5847, 71.6305



59.7576, 57.5847, 59.3900



50.7936, 57.5847, 54.5443



49.9973, 57.5847, 66.1307

Sweetspot

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



58.8717, 57.5872, 71.6317



92.5174, 95.1433, 108.0961



53.9032, 55.3573, 71.4632



19.6611, 20.0937, 23.0922



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.



58.8717, 57.5872, 71.6317



86.2315, 83.1259, 106.1078



58.0446, 57.2899, 65.7582



12.8888, 12.5996, 15.6902



22.2997, 10.6484, 39.3332



1.3643, 0.6522, 2.3733

Inverse Universe

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



56.8756, 56.8223, 59.6024



82.7479, 81.7918, 85.0814



57.0761, 63.8757, 65.8229



12.4482, 12.4308, 13.0343



16.8087, 8.6598, 1.0308



1.0229, 0.5259, 0.1098

Previews

White Background



This preview shows how the XYZ color 58.8700, 57.5847, 71.6305 looks on a white background.

Color Contrast Check

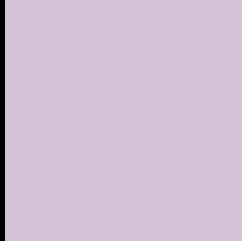
Large Text (above 18pt) WCAG AA × Fail

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 58.8700, 57.5847, 71.6305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

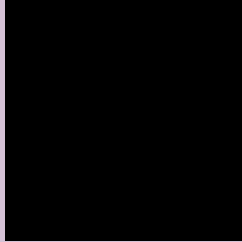
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8700, 57.5847, 71.6305

Background



This preview shows how black text looks on a background with the XYZ color 58.8700, 57.5847, 71.6305.



This preview shows how white text looks on a background with the XYZ color 58.8700, 57.5847,

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

58.8700, 57.5847, 71.6305

Protanopia

56.2365, 57.8624, 73.8502

Deuteranopia

58.8700, 57.5847, 71.6305



Tritanopia

58.2993, 57.6804, 69.0335

Trichromacy



Original Color

58.8700, 57.5847, 71.6305

Protanomaly

56.9895, 57.5869, 73.0775

Deuteranomaly

58.8700, 57.5847, 71.6305

Tritanomaly

58.4244, 57.7304, 69.6918

Monochromacy



Original Color

58.8700, 57.5847, 71.6305

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.0176, 58.4249, 66.6645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8700, 57.5847, 71.6305 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(213, 194, 214)` looks like.

```
.text, #text, p{  
    color:rgb(213, 194, 214)  
}
```

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(213, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 194, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.8700, 57.5847, 71.6305 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(213, 194, 214) }
```


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

```
.border{ border-color:rgb(213, 194, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 194, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 194, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 194, 214);  
box-shadow:4px 4px 4px 4px rgb(213, 194,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8700, 57.5847, 71.6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 194, 214) }
```

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

```
.background{ background-color: rgb(213,  
194, 214) }
```

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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