

Converting Colors

XYZ(57.7086, 58.0020, 71.1047)

Have a look what the booklet for
XYZ(57.7086, 58.0020, 71.1047)
contains.

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Color

**XYZ(57.7086, 58.0020,
71.1047)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC5D5
RGB	207, 197, 213
RGB Percent	81%, 77%, 84%
CMY	0.1882, 0.2274, 0.1647
CMYK	0.03, 0.08, 0.00, 0.16
HSL	277°, 16%, 80%
HSV	277°, 8%, 84%
XYZ	57.7086, 58.0020, 71.1047
YIQ	201.8140, 0.8240, 7.0960

Conversions

Conversions Part 2

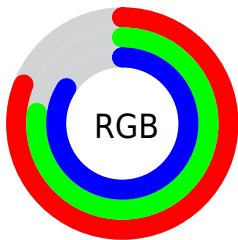
Format	Color
R _Y B	207, 197, 213
Decimal	13616597
CIE Lab	80.74, 6.40, -6.72
CIE LCh	81, 9.286, 313.605
Yxy	58.0020, 0.3089, 0.3105
Android (android.graphics.Color)	4291806677 (0xFFCFC5D5)
YUV	201.8140, 5.5147, 4.5481
Hunter-Lab	76.1590, 1.9779, -2.0439

Details

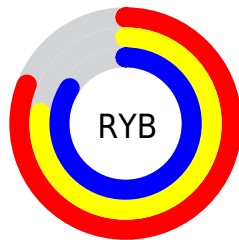
The XYZ color **57.7086, 58.0020, 71.1047** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5031, 64.3178, 62.1574**, and the grayscale version is **55.9909, 58.9068, 64.1495**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **29.1309, 28.8858, 36.3879** is the 20% darker color. If you saturate the color by 10%, you get **51.0344, 47.8830, 69.5042**, and if you desaturate by 10%, it is **65.1825, 69.5510, 72.9408**.

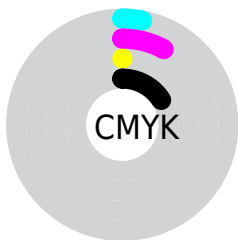
Distribution



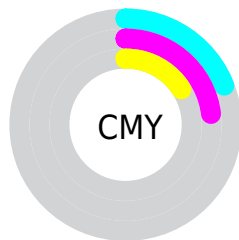
- Red (81%)
- Green (77%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7086, 58.0020, 71.1047 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 57.7086, 58.0020, 71.1047 by changing the saturation by 10% instead.

■ 57.7086, 58.0020,
71.1047

■ 57.7086, 58.0020,
71.1047

406.0706,
417.1934, 483.3129

■ 41.8168, 41.8103,
51.9453

100.6238,
101.9258, 122.4786

■ 29.1483, 28.9527,
36.5795

128.3779,
130.4266, 155.5302

■ 19.3379, 19.0451,
24.5889

160.8168,
163.7992, 194.0497

■ 12.0201, 11.7029,
15.5548

198.3058,
202.4281, 238.4554

■ 6.8297, 6.5417,
9.0587

241.2104,
246.6975, 289.1661

■ 3.4012, 3.1772,
4.6822

289.8958,

■ 1.3693, 1.2249,

296.9919, 346.6002

2.0066

344.7274,
353.6958, 411.1763

■ 0.2342, 0.0819,
0.5593

■ 0.0000, 0.0000,
0.0000

■ 57.7086, 58.0020,
71.1047

■ 57.7086, 58.0020,
71.1047

■ 51.0344, 47.8830,
69.5042

■ 65.1825, 69.5510,
72.9408

■ 45.1246, 39.1285,
68.1259

■ 73.4795, 82.5768,
75.0178

■ 39.9488, 31.6793,
66.9608

■ 80.7153, 93.3079,
76.7077

■ 35.4723, 25.4685,
65.9980

■ 83.3528, 94.6676,
76.8311

■ 31.6574, 20.4234,
65.2252

■ 86.1095, 96.0887,
76.9602

■ 28.4624, 16.4633,
64.6292

■ 88.9870, 97.5721,
77.0948

■ 25.8403, 13.4969,
64.1949

■ 89.0104, 97.5842,
77.0959

■ 23.7363, 11.4175,
63.9044

■ 22.0756, 10.0784,
63.7335

Harmonies

Analogous

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



56.0001, 58.0020, 73.9716



57.7086, 58.0020, 71.1047



58.7386, 58.0020, 66.1788

Triad

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



57.7086, 58.0020, 71.1047



56.1754, 58.0020, 53.5657



51.6262, 58.0020, 65.6681

Complementary

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



57.7086, 58.0020, 71.1047



58.5031, 64.3178, 62.1574

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.



51.6707, 58.0020, 60.2234



57.7086, 58.0020, 71.1047



54.2673, 58.0020, 53.4466

Square

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



57.7086, 58.0020, 71.1047



57.8395, 58.0020, 56.1551



52.6278, 58.0020, 55.8198



52.5049, 58.0020, 70.7122

Rectangle

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



57.7086, 58.0020, 71.1047



58.8874, 58.0020, 62.4935



52.6278, 58.0020, 55.8198



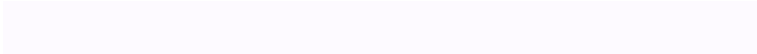
51.5343, 58.0020, 63.8198

Sweetspot

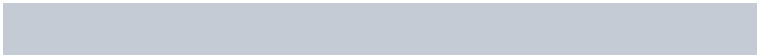
The Sweet Spot groups the original color and five complimentary colors.



57.7103, 58.0045, 71.1060



92.7443, 96.4281, 108.3321



56.4259, 59.4517, 71.4530



19.8753, 20.6770, 23.1935



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.



57.7103, 58.0045, 71.1060



85.0644, 84.6252, 106.4587



59.1831, 58.7910, 69.9453



12.4807, 12.3892, 15.6711



13.3720, 6.0460, 38.9154



0.8969, 0.4112, 2.3514

Inverse Universe

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



58.1884, 58.3931, 64.7070



85.9368, 85.3318, 94.8928



57.1156, 63.5777, 63.2158



12.6140, 12.4971, 13.9075



17.6897, 9.0122, 5.6698



1.1065, 0.5594, 0.5501

Previews

White Background



This preview shows how the XYZ color 57.7086, 58.0020, 71.1047 looks on a white background.

Color Contrast Check

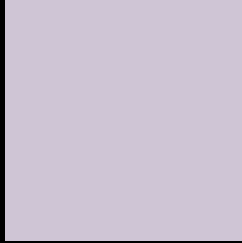
Large Text (above 18pt) WCAG AA × Fail

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 57.7086, 58.0020, 71.1047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

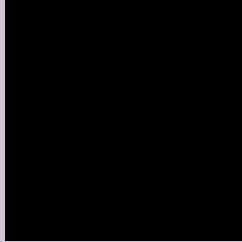
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7086, 58.0020, 71.1047

Background



This preview shows how black text looks on a background with the XYZ color 57.7086, 58.0020, 71.1047.

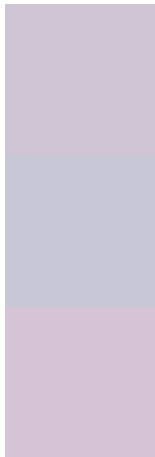


This preview shows how white text looks on a background with the XYZ color 57.7086, 58.0020,

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

57.7086, 58.0020, 71.1047

Protanopia

56.3804, 57.9812, 71.8383

Deuteranopia

59.2569, 58.1305, 71.0479



Tritanopia

57.7086, 58.0020, 71.1047

Trichromacy



Original Color

57.7086, 58.0020, 71.1047

Protanomaly

56.9603, 57.9397, 71.7997

Deuteranomaly

58.6141, 58.1328, 71.0823

Tritanomaly

57.7086, 58.0020, 71.1047

Monochromacy



Original Color

57.7086, 58.0020, 71.1047

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.6967, 58.6022, 66.7156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7086, 58.0020, 71.1047 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(207, 197, 213)` looks like.

```
.text, #text, p{  
    color:rgb(207, 197, 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(207, 197, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 197, 213) }
```

Border

The CSS property to change the border of an element to XYZ 57.7086, 58.0020, 71.1047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

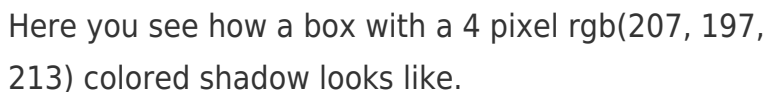
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 197, 213) }
```


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

```
.border{ border-color:rgb(207, 197, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 197, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 197, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 197, 213);  
box-shadow:4px 4px 4px 4px rgb(207, 197,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7086, 58.0020, 71.1047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 197, 213) }
```

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

```
.background{ background-color: rgb(207,  
197, 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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