

Converting Colors

XYZ(57.1119, 56.5882, 75.6226)

Have a look what the booklet for
XYZ(57.1119, 56.5882, 75.6226)
contains.

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Color

**XYZ(57.1119, 56.5882,
75.6226)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC2DC
RGB	204, 194, 220
RGB Percent	80%, 76%, 86%
CMY	0.2000, 0.2392, 0.1373
CMYK	0.07, 0.12, 0.00, 0.14
HSL	263°, 27%, 81%
HSV	263°, 12%, 86%
XYZ	57.1119, 56.5882, 75.6226
YIQ	199.9540, -2.3860, 10.2060

Conversions

Conversions Part 2

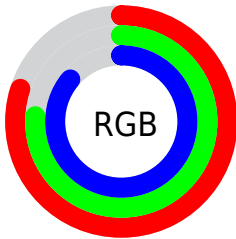
Format	Color
RYB	204, 194, 220
Decimal	13419228
CIELab	79.95, 8.36, -11.69
CIELCh	80, 14.370, 305.556
Yxy	56.5882, 0.3017, 0.2989
Android (android.graphics.Color)	4291609308 (0xFFCCC2DC)
YUV	199.9540, 9.8827, 3.5483
Hunter-Lab	75.2251, 3.8756, -6.9457

Details

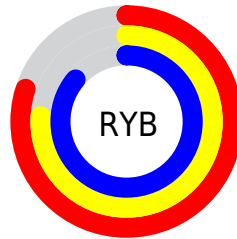
The XYZ color **57.1119, 56.5882, 75.6226** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.9110, 68.7845, 61.0553**, and the grayscale version is **54.8150, 57.6696, 62.8022**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **28.7473, 27.9568, 39.4784** is the 20% darker color. If you saturate the color by 10%, you get **49.0226, 45.6809, 73.9445**, and if you desaturate by 10%, it is **66.2520, 69.1163, 77.5599**.

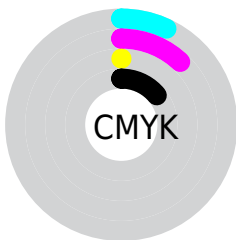
Distribution



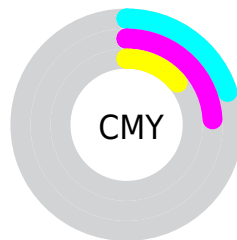
- Red (80%)
- Green (76%)
- Blue (86%)



- Red (80%)
- Yellow (76%)
- Blue (86%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1119, 56.5882, 75.6226 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 57.1119, 56.5882, 75.6226 by changing the saturation by 10% instead.

■ 57.1119, 56.5882,
75.6226

■ 57.1119, 56.5882,
75.6226

403.8759,
411.9044, 499.3672

■ 41.3356, 40.6747,
55.6183

■ 99.7589, 99.8641,
128.9485

■ 28.7702, 28.0650,
39.4950

127.3602,
127.9952, 163.1071

■ 19.0505, 18.3747,
26.8343

159.6340,
160.9678, 202.8210

■ 11.8110, 11.2193,
17.2174

196.9454,
199.1660, 248.5086

■ 6.6864, 6.2145,
10.2261

239.6600,
242.9744, 300.5885

■ 3.3113, 2.9760,
5.4415

288.1430,

■ 1.3205, 1.1192,

292.7774, 359.4792

2.4454

342.7599,
348.9592, 425.5992

■ 0.1985, 0.0000,
0.8110

■ 0.0000, 0.0000,
0.0000

■ 57.1119, 56.5882,
75.6226

■ 57.1119, 56.5882,
75.6226

■ 49.0226, 45.6809,
73.9445

■ 66.2520, 69.1163,
77.5599

■ 41.9393, 36.3195,
72.5109

■ 76.4756, 83.3217,
79.7630

■ 35.8209, 28.4338,
71.3113

■ 86.2025, 96.0317,
81.7036

■ 30.6217, 21.9454,
70.3329

■ 89.9184, 97.9474,
81.8775

■ 26.2918, 16.7683,
69.5619

■ 22.7759, 12.8066,
68.9825

■ 20.0117, 9.9507,
68.5769

■ 17.9256, 8.0698,
68.3238

■ 16.6289, 7.0802,
68.2012

Harmonies

Analogous

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



54.3301, 56.5882, 79.0176



57.1119, 56.5882, 75.6226



59.0525, 56.5882, 68.5008

Triad

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



57.1119, 56.5882, 75.6226



56.1389, 56.5882, 48.1230



48.3960, 56.5882, 63.1827

Complementary

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



57.1119, 56.5882, 75.6226



61.9110, 68.7845, 61.0553

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.



48.8411, 56.5882, 55.2067



57.1119, 56.5882, 75.6226



53.2444, 56.5882, 46.9756

Square

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



57.1119, 56.5882, 75.6226



58.4767, 56.5882, 52.7417



50.5906, 56.5882, 49.4535



49.3520, 56.5882, 71.4315

Rectangle

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



57.1119, 56.5882, 75.6226



59.5709, 56.5882, 62.8674



50.5906, 56.5882, 49.4535



48.3871, 56.5882, 60.3792

Sweetspot

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



57.1136, 56.5906, 75.6238



89.6100, 92.4927, 107.7377



58.2232, 62.7482, 76.7539



18.9671, 19.5041, 23.0149



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.



57.1136, 56.5906, 75.6238



77.0736, 75.3682, 105.0930



60.8171, 58.4998, 75.7972



12.8098, 12.8600, 16.4592



9.8747, 4.2148, 40.0315



0.7342, 0.3217, 2.5979

Inverse Universe

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



60.4417, 58.4547, 69.0725



82.5676, 78.4468, 94.2215



58.3674, 66.9576, 60.8894



13.3911, 13.1856, 15.3209



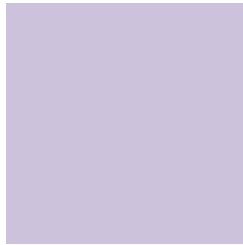
19.9611, 9.9855, 14.7072



1.3348, 0.6636, 1.1720

Previews

White Background



This preview shows how the XYZ color 57.1119, 56.5882, 75.6226 looks on a white background.

Color Contrast Check

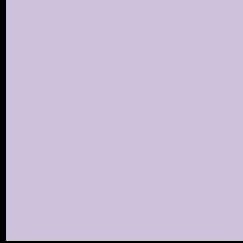
Large Text (above 18pt) WCAG AA × Fail

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 57.1119, 56.5882, 75.6226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

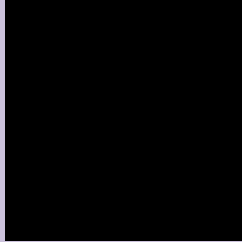
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1119, 56.5882, 75.6226

Background



This preview shows how black text looks on a background with the XYZ color 57.1119, 56.5882, 75.6226.



This preview shows how white text looks on a background with the XYZ color 57.1119, 56.5882,

75.6226.

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

57.1119, 56.5882, 75.6226

Protanopia

55.6567, 56.8085, 77.1390

Deuteranopia

57.7204, 56.5726, 75.5876



Tritanopia

56.1264, 56.8795, 69.6487

Trichromacy



Original Color

57.1119, 56.5882, 75.6226

Protanomaly

56.0798, 56.7061, 76.3963

Deuteranomaly

57.4418, 56.4290, 75.5745

Tritanomaly

56.2813, 56.5818, 71.5734

Monochromacy



Original Color

57.1119, 56.5882, 75.6226

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.5440, 57.3107, 67.1661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1119, 56.5882, 75.6226 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(204, 194, 220)` looks like.

```
.text, #text, p{  
    color:rgb(204, 194, 220)  
}
```

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(204, 194, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 194, 220) }
```

Border

The CSS property to change the border of an element to XYZ 57.1119, 56.5882, 75.6226 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(204, 194, 220) }
```


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

```
.border{ border-color:rgb(204, 194, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 194, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 194, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 194, 220); box-shadow:4px 4px 4px 4px rgb(204, 194, 220) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1119, 56.5882, 75.6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 194, 220) }
```

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

```
.background{ background-color: rgb(204,  
194, 220) }
```

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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