

Converting Colors

XYZ(57.1995, 59.2162, 70.4627)

Have a look what the booklet for
XYZ(57.1995, 59.2162, 70.4627)
contains.

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Color

**XYZ(57.1274, 59.0833,
70.6806)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC9D4
RGB	202, 201, 212
RGB Percent	79%, 79%, 83%
CMY	0.2078, 0.2117, 0.1686
CMYK	0.05, 0.05, 0.00, 0.17
HSL	245°, 11%, 81%
HSV	245°, 5%, 83%
XYZ	57.1274, 59.0833, 70.6806
YIQ	202.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

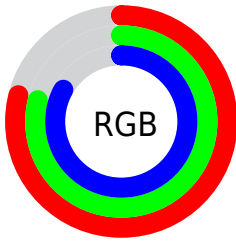
Format	Color
R _Y B	202, 201, 212
Decimal	13289940
CIE Lab	81.34, 2.40, -5.35
CIE LCh	81, 5.864, 294.194
Yxy	59.0833, 0.3057, 0.3161
Android (android.graphics.Color)	4291480020 (0xFFCAC9D4)
YUV	202.5530, 4.6574, -0.4850
Hunter-Lab	76.8657, -1.8518, -0.7132

Details

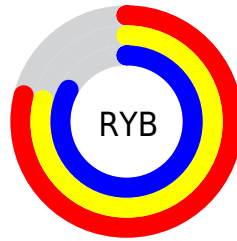
The XYZ color **57.1274, 59.0833, 70.6806** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9523, 65.1545, 64.6248**, and the grayscale version is **56.4591, 59.3993, 64.6859**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.7323, 29.5977, 36.0969** is the 20% darker color. If you saturate the color by 10%, you get **47.6283, 47.3506, 68.9175**, and if you desaturate by 10%, it is **67.9637, 72.5212, 72.7041**.

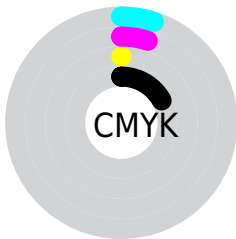
Distribution



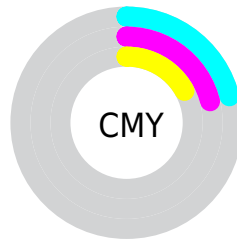
- Red (79%)
- Green (79%)
- Blue (83%)



- Red (79%)
- Yellow (79%)
- Blue (83%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1274, 59.0833, 70.6806 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 57.1274, 59.0833, 70.6806 by changing the saturation by 10% instead.

■ 57.1274, 59.0833,
70.6806

■ 57.1274, 59.0833,
70.6806

403.9330,
421.2105, 481.7897

■ 41.3481, 42.6802,
51.6014

99.7813, 103.4987,
121.8690

■ 28.7800, 29.6343,
36.3074

127.3867,
132.2798, 154.8153

■ 19.0579, 19.5611,
24.3801

159.6647,
165.9557, 193.2210

■ 11.8164, 12.0764,
15.4010

196.9808,
204.9107, 237.5046

■ 6.6901, 6.7958,
8.9516

239.7003,
249.5293, 288.0848

■ 3.3136, 3.3347,
4.6132

288.1886,

■ 1.3217, 1.3089,

300.1959, 345.3800

1.9674

342.8111,
357.2949, 409.8088

■ 0.1994, 0.1481,
0.5351

■ 0.0000, 0.0000,
0.0000

■ 57.1274, 59.0833,
70.6806

■ 57.1274, 59.0833,
70.6806

■ 47.6283, 47.3506,
68.9175

■ 67.9637, 72.5212,
72.7041

■ 39.4095, 37.2475,
67.4006

■ 80.1809, 87.7206,
74.9940

■ 32.4176, 28.7043,
66.1201

■ 88.8838, 97.5335,
76.4294

■ 26.5938, 21.6429,
65.0641

■ 21.8738, 15.9789,
64.2196

■ 18.1877, 11.6191,
63.5723

■ 15.4572, 8.4589,
63.1063

■ 13.5927, 6.3776,
62.8028

■ 12.4871, 5.2289,
62.6394

Harmonies

Analogous

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



55.9191, 59.0833, 71.2761



57.1274, 59.0833, 70.6806



58.0882, 59.0833, 68.3578

Triad

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



57.1274, 59.0833, 70.6806



57.5457, 59.0833, 59.0164



53.8469, 59.0833, 63.6520

Complementary

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



57.1274, 59.0833, 70.6806



60.9523, 65.1545, 64.6248

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.



54.2689, 59.0833, 60.4668



57.1274, 59.0833, 70.6806



56.3954, 59.0833, 57.8536

Square

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



57.1274, 59.0833, 70.6806



58.3321, 59.0833, 61.6075



55.1975, 59.0833, 58.3748



54.0365, 59.0833, 67.1350

Rectangle

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



57.1274, 59.0833, 70.6806



58.4530, 59.0833, 66.1859



55.1975, 59.0833, 58.3748



53.9217, 59.0833, 62.5124

Sweetspot

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



57.1291, 59.0858, 70.6819



91.7588, 95.9201, 108.2860



59.2879, 63.8024, 71.4785



19.6746, 20.5736, 23.1841



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.



57.1291, 59.0858, 70.6819



85.4271, 88.0797, 107.1063



58.6211, 59.8549, 70.7517



12.4651, 12.8275, 15.7565



7.5414, 3.0402, 38.6425



0.4917, 0.2024, 2.3325

Inverse Universe

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



59.7980, 60.4761, 70.1524



90.1393, 90.5347, 106.1656



59.4260, 64.3676, 64.5534



13.2181, 13.2197, 15.6056



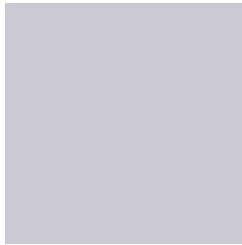
22.7090, 11.0199, 32.1013



1.3842, 0.6705, 2.0127

Previews

White Background



This preview shows how the XYZ color 57.1274, 59.0833, 70.6806 looks on a white background.

Color Contrast Check

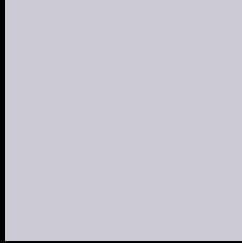
Large Text (above 18pt) WCAG AA × Fail

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 57.1274, 59.0833, 70.6806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

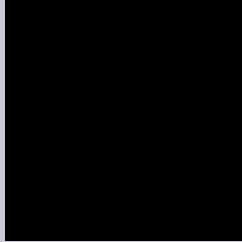
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

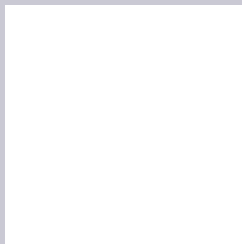
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1274, 59.0833, 70.6806

Background



This preview shows how black text looks on a background with the XYZ color 57.1274, 59.0833, 70.6806.

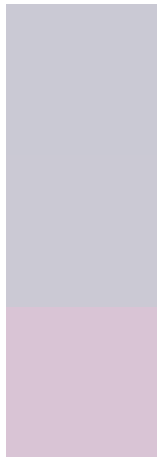


This preview shows how white text looks on a background with the XYZ color 57.1274, 59.0833,

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

57.1274, 59.0833, 70.6806

Protanopia

57.3989, 59.2233, 70.6933

Deuteranopia

60.3654, 59.0357, 71.1642



Tritanopia

57.6775, 58.9629, 73.3068

Trichromacy



Original Color

57.1274, 59.0833, 70.6806

Protanomaly

57.3989, 59.2233, 70.6933

Deuteranomaly

59.3557, 59.1893, 71.2471

Tritanomaly

57.5486, 58.9114, 72.6279

Monochromacy



Original Color

57.1274, 59.0833, 70.6806

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.8897, 59.3938, 66.8583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1274, 59.0833, 70.6806 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(202, 201, 212)` looks like.

```
.text, #text, p{  
    color:rgb(202, 201, 212)  
}
```

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(202, 201, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 201, 212) }
```

Border

The CSS property to change the border of an element to XYZ 57.1274, 59.0833, 70.6806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

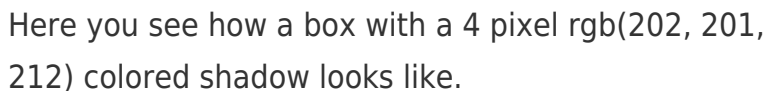
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 201, 212) }
```


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

```
.border{ border-color:rgb(202, 201, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(202, 201, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 201, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 201, 212);  
box-shadow:4px 4px 4px 4px rgb(202, 201,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1274, 59.0833, 70.6806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 201, 212) }
```

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

```
.background{ background-color: rgb(202,  
201, 212) }
```

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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