

Converting Colors

XYZ(57.4360, 60.2982, 69.1479)

Have a look what the booklet for
XYZ(57.4360, 60.2982, 69.1479)
contains.

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Color

**XYZ(57.4586, 60.3457,
68.9411)**

Conversions

Conversions Part 1

Format	Color
Hex	CACCD1
RGB	202, 204, 209
RGB Percent	79%, 80%, 82%
CMY	0.2078, 0.2000, 0.1804
CMYK	0.03, 0.02, 0.00, 0.18
HSL	223°, 7%, 81%
HSV	223°, 3%, 82%
XYZ	57.4586, 60.3457, 68.9411
YIQ	203.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

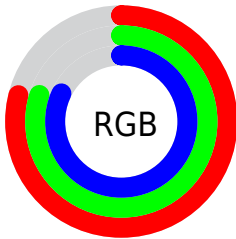
Format	Color
R _Y B	202, 204, 209
Decimal	13290705
CIE Lab	82.03, 0.25, -2.73
CIE LCh	82, 2.741, 275.231
Yxy	60.3457, 0.3077, 0.3231
Android (android.graphics.Color)	4291480785 (0xFFCACCD1)
YUV	203.9720, 2.4788, -1.7294
Hunter-Lab	77.6825, -3.9151, 1.7595

Details

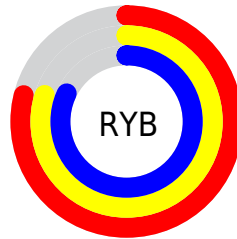
The XYZ color **57.4586, 60.3457, 68.9411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2681, 62.4446, 64.8073**, and the grayscale version is **57.3644, 60.3518, 65.7231**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.0355, 30.4752, 35.3623** is the 20% darker color. If you saturate the color by 10%, you get **48.8047, 50.8716, 67.5694**, and if you desaturate by 10%, it is **67.2216, 70.8992, 70.4645**.

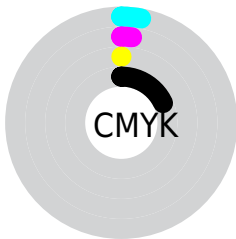
Distribution



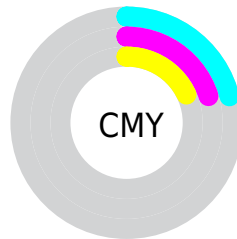
- Red (79%)
- Green (80%)
- Blue (82%)



- Red (79%)
- Yellow (80%)
- Blue (82%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4586, 60.3457, 68.9411 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 57.4586, 60.3457, 68.9411 by changing the saturation by 10% instead.

■ 57.4586, 60.3457,
68.9411

■ 57.4586, 60.3457,
68.9411

405.1520,
425.8708, 475.5115

■ 41.6151, 43.6973,
50.1923

100.2615,
105.3310, 119.3644

■ 28.9898, 30.4326,
35.1940

127.9517,
134.4367, 151.8759

■ 19.2174, 20.1672,
23.5276

160.3215,
168.4637, 189.8120

■ 11.9324, 12.5166,
14.7746

197.7362,
207.7962, 233.5914

■ 6.7695, 7.0966,
8.5165

240.5613,
252.8189, 283.6325

■ 3.3634, 3.5226,
4.3347

289.1620,

■ 1.3487, 1.4103,

303.9159, 340.3538

1.8107

343.9038,
361.4718, 404.1740

■ 0.2193, 0.2243,
0.4350

■ 0.0000, 0.0000,
0.0000

■ 57.4586, 60.3457,
68.9411

■ 57.4586, 60.3457,
68.9411

■ 48.8047, 50.8716,
67.5694

■ 67.2216, 70.8992,
70.4645

■ 41.2145, 42.4344,
66.3409

■ 78.1264, 82.5574,
72.1400

■ 34.6474, 35.0000,
65.2521

■ 86.5509, 93.4677,
73.8019

■ 29.0577, 28.5294,
64.2977

■ 88.5088, 97.3835,
74.4545

■ 24.3964, 22.9811,
63.4725

■ 20.6100, 18.3103,
62.7705

■ 17.6392, 14.4680,
62.1854

■ 15.4164, 11.3998,
61.7104

■ 13.8619, 9.0431,
61.3374

Harmonies

Analogous

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



56.8904, 60.3457, 68.6516



57.4586, 60.3457, 68.9411



58.0031, 60.3457, 68.3520

Triad

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



57.4586, 60.3457, 68.9411



58.2733, 60.3457, 63.8794



56.3493, 60.3457, 64.3761

Complementary

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



57.4586, 60.3457, 68.9411



59.2681, 62.4446, 64.8073

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.



56.7153, 60.3457, 63.1296



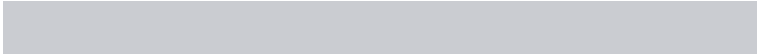
57.4586, 60.3457, 68.9411



57.8257, 60.3457, 62.8463

Square

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



57.4586, 60.3457, 68.9411



58.4755, 60.3457, 65.4152



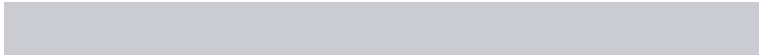
57.2551, 60.3457, 62.5741



56.2525, 60.3457, 65.9981

Rectangle

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



57.4586, 60.3457, 68.9411



58.2785, 60.3457, 67.5460



57.2551, 60.3457, 62.5741



56.4448, 60.3457, 63.9001

Sweetspot

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



57.4603, 60.3483, 68.9424



93.5401, 98.3637, 108.6637



58.4088, 62.6586, 67.9842



20.0374, 21.0711, 23.2610



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

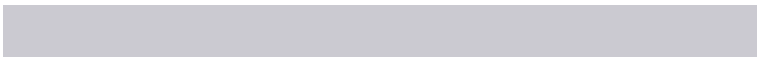
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.4603, 60.3483, 68.9424



89.1175, 93.5587, 107.9694



57.3678, 59.5983, 68.8025



12.3437, 12.9537, 15.0934



8.1595, 4.9656, 37.7209



0.5243, 0.4139, 2.1318

Inverse Universe

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



58.3154, 60.1572, 65.6677



90.7316, 93.2037, 101.7866



59.3622, 63.2182, 64.9517



12.6055, 12.8970, 14.0903



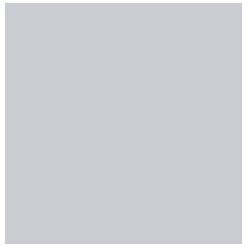
16.7493, 8.5725, 3.5859



0.9709, 0.4931, 0.3815

Previews

White Background



This preview shows how the XYZ color 57.4586, 60.3457, 68.9411 looks on a white background.

Color Contrast Check

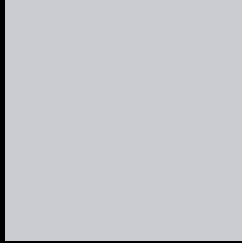
Large Text (above 18pt) WCAG AA × Fail

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 57.4586, 60.3457, 68.9411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

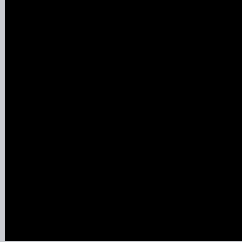
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

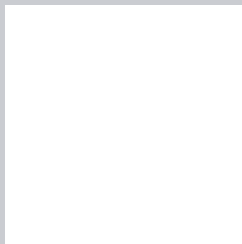
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4586, 60.3457, 68.9411

Background



This preview shows how black text looks on a background with the XYZ color 57.4586, 60.3457, 68.9411.

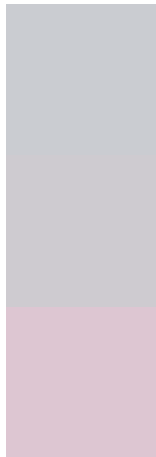


This preview shows how white text looks on a background with the XYZ color 57.4586, 60.3457,

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

57.4586, 60.3457, 68.9411

Protanopia

58.1947, 60.3877, 68.2633

Deuteranopia

61.6457, 60.4135, 69.3847



Tritanopia

59.0440, 60.6637, 75.6151

Trichromacy



Original Color

57.4586, 60.3457, 68.9411

Protanomaly

57.9179, 60.2451, 68.2504

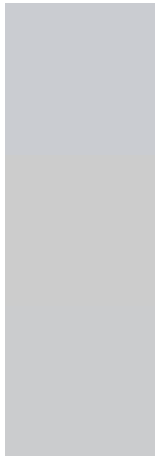
Deuteranomaly

60.0187, 60.2578, 69.4404

Tritanomaly

58.2503, 60.3147, 72.8618

Monochromacy



Original Color

57.4586, 60.3457, 68.9411

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.3620, 60.3385, 67.0157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4586, 60.3457, 68.9411 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, 204, 209) looks like.

```
.text, #text, p{  
    color:rgb(202, 204, 209)  
}
```

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, 204, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 204, 209) }
```

Border

The CSS property to change the border of an element to XYZ 57.4586, 60.3457, 68.9411 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, 204, 209) }
```


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

```
.border{ border-color:rgb(202, 204, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 204, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 204, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 204, 209);  
box-shadow:4px 4px 4px 4px rgb(202, 204,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4586, 60.3457, 68.9411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 204, 209) }
```

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

```
.background{ background-color: rgb(202,  
204, 209) }
```

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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