

Converting Colors

XYZ(54.5481, 57.3181, 72.7999)

Have a look what the booklet for
XYZ(54.5481, 57.3181, 72.7999)
contains.

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Color

**XYZ(54.4059, 57.2912,
72.4808)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC8D7
RGB	191, 200, 215
RGB Percent	75%, 78%, 84%
CMY	0.2510, 0.2157, 0.1569
CMYK	0.11, 0.07, 0.00, 0.16
HSL	217°, 23%, 80%
HSV	217°, 11%, 84%
XYZ	54.4059, 57.2912, 72.4808
YIQ	199.0190, -10.1790, 2.7570

Conversions

Conversions Part 2

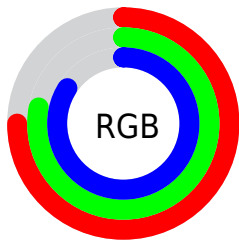
Format	Color
RYP	191, 198, 215
Decimal	12568791
CIE Lab	80.34, -0.12, -8.52
CIE LCh	80, 8.522, 269.185
Yxy	57.2912, 0.2954, 0.3111
Android (android.graphics.Color)	4290758871 (0xFFBFC8D7)
YUV	199.0190, 7.8786, -7.0327
Hunter-Lab	75.6910, -4.1551, -3.7918

Details

The XYZ color **54.4059, 57.2912, 72.4808** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5000, 62.3511, 58.1904**, and the grayscale version is **54.2569, 57.0825, 62.1628**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **26.9406, 28.4142, 37.3223** is the 20% darker color. If you saturate the color by 10%, you get **46.4151, 48.7551, 71.2552**, and if you desaturate by 10%, it is **63.4673, 66.7881, 73.8372**.

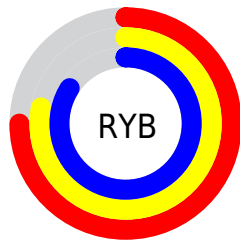
Distribution



Red (75%)

Green (78%)

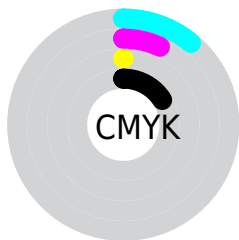
Blue (84%)



Red (75%)

Yellow (78%)

Blue (84%)

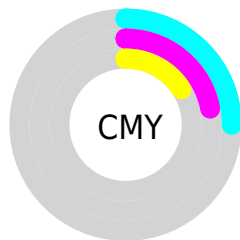


Cyan (11%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (25%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4059, 57.2912, 72.4808 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 54.4059, 57.2912, 72.4808 by changing the saturation by 10% instead.

■ 54.4059, 57.2912,
72.4808

■ 54.4059, 57.2912,
72.4808

393.8291,
414.5396, 488.2358

■ 39.1582, 41.2391,
53.0623

■ 95.8234, 100.8900,
124.4539

■ 27.0641, 28.5059,
37.4644

122.7239,
129.2054, 157.8456

■ 17.7582, 18.7074,
25.2687

154.2394,
162.3774, 196.7321

■ 10.8752, 11.4590,
16.0565

190.7352,
200.7903, 241.5320

■ 6.0496, 6.3765,
9.4094

232.5767,
244.8286, 292.6638

■ 2.9162, 3.0753,
4.9087

280.1293,

■ 1.1096, 1.1712,

294.8767, 350.5460

2.1360

333.7583,
351.3189, 415.5971

■ 0.0331, 0.0380,
0.6371

■ 0.0000, 0.0000,
0.0000

■ 54.4059, 57.2912,
72.4808

■ 54.4059, 57.2912,
72.4808

■ 46.4151, 48.7551,
71.2552

■ 63.4673, 66.7881,
73.8372

■ 39.4483, 41.1410,
70.1527

■ 73.6332, 77.2689,
75.3244

■ 33.4629, 34.4175,
69.1704

■ 84.7574, 88.6693,
76.9386

■ 28.4114, 28.5488,
68.3039

■ 88.8669, 96.8884,
78.3084

■ 24.2416, 23.4963,
67.5485

■ 89.2659, 97.6864,
78.4414

■ 20.8963, 19.2180,
66.8990

■ 18.3103, 15.6670,
66.3499

■ 16.4071, 12.7900,
65.8949

■ 15.1823, 10.7392,
65.5636

Harmonies

Analogous

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



52.7543, 57.2912, 70.9942



54.4059, 57.2912, 72.4808



56.1046, 57.2912, 71.1431

Triad

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



54.4059, 57.2912, 72.4808



57.4330, 57.2912, 57.8150



51.6250, 57.2912, 57.5904

Complementary

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



54.4059, 57.2912, 72.4808



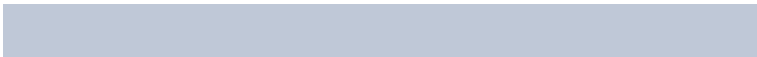
59.5000, 62.3511, 58.1904

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.



52.8352, 57.2912, 54.3684



54.4059, 57.2912, 72.4808



56.1889, 57.2912, 54.4931

Square

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



54.4059, 57.2912, 72.4808



57.8747, 57.2912, 62.5170



54.5013, 57.2912, 53.2648



51.1700, 57.2912, 62.2439

Rectangle

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



54.4059, 57.2912, 72.4808



57.0302, 57.2912, 68.8682



54.5013, 57.2912, 53.2648



51.9557, 57.2912, 56.3133

Sweetspot

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



54.4076, 57.2936, 72.4821



90.7852, 95.5656, 108.2689



56.9036, 64.1248, 67.6444



19.1932, 20.2061, 23.1385



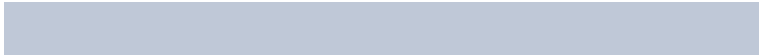
0.0000, 0.0000, 0.0000



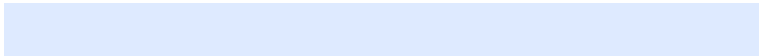
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4076, 57.2936, 72.4821



77.6323, 81.7339, 106.2923



53.0945, 53.6120, 71.8407



12.1205, 12.7643, 15.7625



9.1747, 6.6112, 39.2457



0.6317, 0.5554, 2.3932

Inverse Universe

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



57.0818, 55.8801, 62.4237



82.2137, 79.3798, 89.0454



60.9145, 66.3902, 58.8955



12.6140, 12.4971, 13.9076



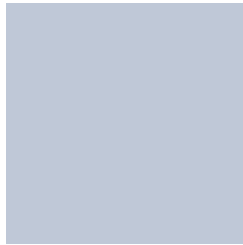
17.6898, 9.0123, 5.6707



1.1065, 0.5594, 0.5502

Previews

White Background



This preview shows how the XYZ color 54.4059, 57.2912, 72.4808 looks on a white background.

Color Contrast Check

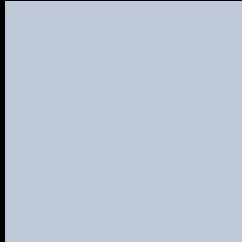
Large Text (above 18pt) WCAG AA × Fail

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 54.4059, 57.2912, 72.4808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

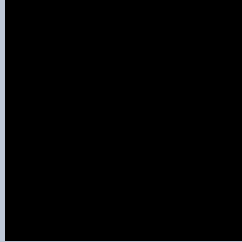
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

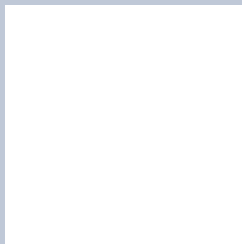
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4059, 57.2912, 72.4808

Background



This preview shows how black text looks on a background with the XYZ color 54.4059, 57.2912, 72.4808.

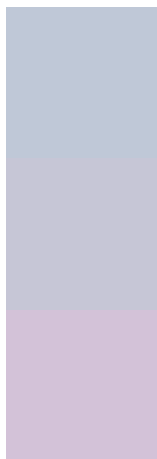


This preview shows how white text looks on a background with the XYZ color 54.4059, 57.2912,

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

54.4059, 57.2912, 72.4808

Protanopia

55.6204, 57.2490, 71.7370

Deuteranopia

58.5504, 57.3903, 72.9572



Tritanopia

54.5348, 57.3428, 73.1597

Trichromacy



Original Color

54.4059, 57.2912, 72.4808

Protanomaly

55.0667, 57.3040, 71.7768

Deuteranomaly

57.0364, 57.2751, 73.0148

Tritanomaly

54.5348, 57.3428, 73.1597

Monochromacy



Original Color

54.4059, 57.2912, 72.4808

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.2078, 56.9904, 65.9008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4059, 57.2912, 72.4808 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(191, 200, 215) looks like.

```
.text, #text, p{  
    color:rgb(191, 200, 215)  
}
```

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(191, 200, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 200, 215) }
```

Border

The CSS property to change the border of an element to XYZ 54.4059, 57.2912, 72.4808 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(191, 200, 215) }
```


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

```
.border{ border-color:rgb(191, 200, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 200, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 200, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 200, 215);  
box-shadow:4px 4px 4px 4px rgb(191, 200,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4059, 57.2912, 72.4808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 200, 215) }
```

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

```
.background{ background-color: rgb(191,  
200, 215) }
```

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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