

Converting Colors

XYZ(54.4112, 58.5965, 76.8491)

Have a look what the booklet for
XYZ(54.4112, 58.5965, 76.8491)
contains.

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Color

**XYZ(54.4112, 58.5965,
76.8491)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CCDD
RGB	184, 204, 221
RGB Percent	72%, 80%, 87%
CMY	0.2784, 0.2000, 0.1333
CMYK	0.17, 0.08, 0.00, 0.13
HSL	208°, 35%, 79%
HSV	208°, 17%, 87%
XYZ	54.4112, 58.5965, 76.8491
YIQ	199.9580, -17.3770, 1.0470

Conversions

Conversions Part 2

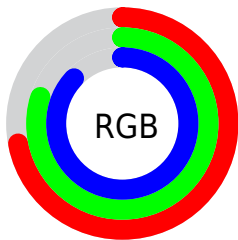
Format	Color
RYB	184, 197, 221
Decimal	12111069
CIELab	81.07, -3.24, -10.71
CIELCh	81, 11.187, 253.177
Yxy	58.5965, 0.2866, 0.3086
Android (android.graphics.Color)	4290301149 (0xFFB8CCDD)
YUV	199.9580, 10.3737, -13.9952
Hunter-Lab	76.5484, -7.0803, -5.9391

Details

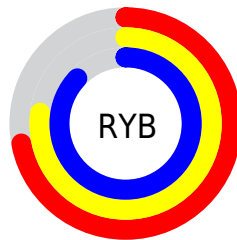
The XYZ color **54.4112, 58.5965, 76.8491** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3577, 60.6062, 53.9184**, and the grayscale version is **54.8211, 57.6761, 62.8092**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **27.1494, 29.3912, 40.3185** is the 20% darker color. If you saturate the color by 10%, you get **47.1905, 51.4092, 75.8433**, and if you desaturate by 10%, it is **62.6197, 66.5296, 77.9487**.

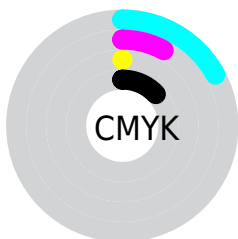
Distribution



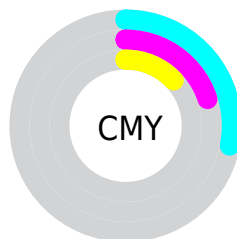
- Red (72%)
- Green (80%)
- Blue (87%)



- Red (72%)
- Yellow (77%)
- Blue (87%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (28%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4112, 58.5965, 76.8491 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 54.4112, 58.5965, 76.8491 by changing the saturation by 10% instead.

■ 54.4112, 58.5965,
76.8491

■ 54.4112, 58.5965,
76.8491

393.8489,
419.4050, 503.6734

■ 39.1625, 42.2884,
56.6182

■ 95.8311, 102.7910,
130.6975

■ 27.0674, 29.3272,
40.2915

122.7330,
131.4462, 165.1521

■ 17.7607, 19.3285,
27.4504

154.2500,
164.9858, 205.1850

■ 10.8770, 11.9079,
17.6763

190.7474,
203.7943, 251.2148

■ 6.0509, 6.6810,
10.5508

232.5907,
248.2561, 303.6600

■ 2.9170, 3.2634,
5.6553

280.1451,

■ 1.1100, 1.2707,

298.7555, 362.9391

2.5713

333.7761,
355.6770, 429.4707

■ 0.0335, 0.1184,
0.8776

■ 0.0000, 0.0000,
0.0000

■ 54.4112, 58.5965,
76.8491

■ 54.4112, 58.5965,
76.8491

■ 47.1905, 51.4092,
75.8433

■ 62.6197, 66.5296,
77.9487

■ 40.9112, 44.9348,
74.9246

■ 71.8495, 75.2256,
79.1407

■ 35.5306, 39.1483,
74.0913

■ 82.1389, 84.7098,
80.4290

■ 31.0006, 34.0201,
73.3402

■ 86.8274, 91.5526,
81.5027

■ 27.2678, 29.5180,
72.6679

■ 89.9773, 97.8524,
82.5527

■ 24.2726, 25.6062,
72.0707

■ 90.0513, 98.0005,
82.5773

■ 21.9453, 22.2435,
71.5443

■ 20.1975, 19.3790,
71.0836

■ 19.7047, 18.5274,
70.9452

Harmonies

Analogous

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



52.4994, 58.5965, 72.9630



54.4112, 58.5965, 76.8491



56.7188, 58.5965, 77.0879

Triad

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



54.4112, 58.5965, 76.8491



60.1584, 58.5965, 60.9292



52.6929, 58.5965, 54.9186

Complementary

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



54.4112, 58.5965, 76.8491



59.3577, 60.6062, 53.9184

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.



54.6820, 58.5965, 52.1370



54.4112, 58.5965, 76.8491



59.0161, 58.5965, 55.4412

Square

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



54.4112, 58.5965, 76.8491



60.0809, 58.5965, 67.5768



56.9972, 58.5965, 52.3214



51.5264, 58.5965, 60.1698

Rectangle

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



54.4112, 58.5965, 76.8491



58.1749, 58.5965, 75.1210



56.9972, 58.5965, 52.3214



53.2851, 58.5965, 53.6806

Sweetspot

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



54.4129, 58.5989, 76.8504



88.6736, 93.9811, 108.0743



56.1263, 66.1050, 64.8453



18.7942, 19.9394, 23.1081



0.0000, 0.0000, 0.0000



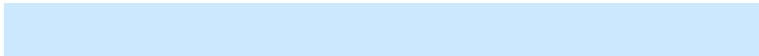
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4129, 58.5989, 76.8504



71.6878, 77.5293, 105.7940



50.3469, 50.4668, 75.4951



12.9189, 13.7776, 16.6306



11.5613, 10.9920, 41.2507



0.8348, 0.8838, 2.7010

Inverse Universe

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



57.8598, 54.0142, 64.5056



77.3374, 70.2476, 85.5077



63.8422, 69.5752, 55.4133



13.3489, 13.1687, 15.0987



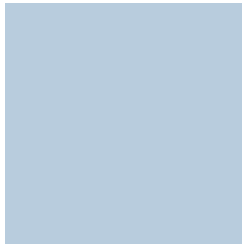
19.3309, 9.7334, 11.3887



1.2957, 0.6479, 0.9660

Previews

White Background



This preview shows how the XYZ color 54.4112, 58.5965, 76.8491 looks on a white background.

Color Contrast Check

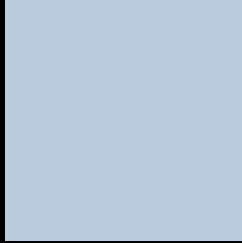
Large Text (above 18pt) WCAG AA × Fail

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 54.4112, 58.5965, 76.8491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

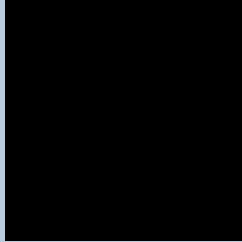
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

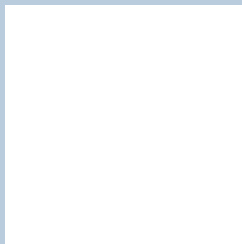
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4112, 58.5965, 76.8491

Background



This preview shows how black text looks on a background with the XYZ color 54.4112, 58.5965, 76.8491.



This preview shows how white text looks on a background with the XYZ color 54.4112, 58.5965,

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

54.4112, 58.5965, 76.8491

Protanopia

57.1286, 58.6499, 74.6392

Deuteranopia

59.9232, 58.6565, 77.9756



Tritanopia

54.2783, 58.5434, 76.1494

Trichromacy



Original Color

54.4112, 58.5965, 76.8491

Protanomaly

55.9210, 58.3571, 75.3345

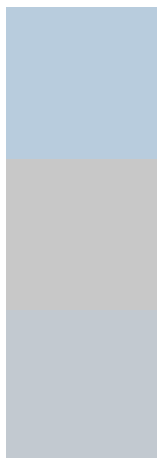
Deuteranomaly

57.6956, 58.5383, 77.3654

Tritanomaly

54.2783, 58.5434, 76.1494

Monochromacy



Original Color

54.4112, 58.5965, 76.8491

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.5199, 57.7967, 67.9569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4112, 58.5965, 76.8491 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(184, 204, 221) looks like.

```
.text, #text, p{  
    color:rgb(184, 204, 221)  
}
```

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(184, 204, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 204, 221) }
```

Border

The CSS property to change the border of an element to XYZ 54.4112, 58.5965, 76.8491 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(184, 204, 221) }
```


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

```
.border{ border-color:rgb(184, 204, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 204, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 204, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 204, 221);  
box-shadow:4px 4px 4px 4px rgb(184, 204,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4112, 58.5965, 76.8491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 204, 221) }
```

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

```
.background{ background-color: rgb(184,  
204, 221) }
```

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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