

Converting Colors

XYZ(54.5188, 57.7616, 76.8136)

Have a look what the booklet for
XYZ(54.5188, 57.7616, 76.8136)
contains.

XYZ(54.4313, 57.5585, 76.6477) 3

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Color

**XYZ(54.4313, 57.5585,
76.6477)**

Conversions

Conversions Part 1	
Format	Color
Hex	BBC9DD
RGB	187, 201, 221
RGB Percent	73%, 79%, 87%
CMY	0.2667, 0.2117, 0.1333
CMYK	0.15, 0.09, 0.00, 0.13
HSL	215°, 33%, 80%
HSV	215°, 15%, 87%
XYZ	54.4313, 57.5585, 76.6477
YIQ	199.0940, -14.7640, 3.2520

Conversions

Conversions Part 2

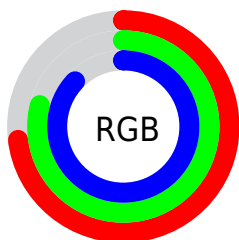
Format	Color
RYB	187, 197, 221
Decimal	12306909
CIELab	80.49, -0.70, -11.55
CIELCh	80, 11.568, 266.524
Yxy	57.5585, 0.2885, 0.3051
Android (android.graphics.Color)	4290496989 (0xFFBBC9DD)
YUV	199.0940, 10.7997, -10.6064
Hunter-Lab	75.8673, -4.7023, -6.7927

Details

The XYZ color 54.4313, 57.5585, 76.6477 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 61.1017, 63.5856, 56.0678, and the grayscale version is 54.2875, 57.1146, 62.1978.

A 20% lighter version of the original color is 90.7721, 97.7947, 108.6998, and 27.1482, 28.6889, 40.1831 is the 20% darker color. If you saturate the color by 10%, you get 46.5325, 49.1783, 75.4474, and if you desaturate by 10%, it is 63.4221, 66.8853, 77.9750.

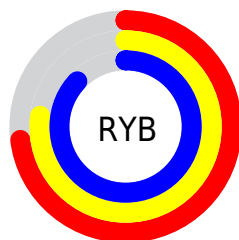
Distribution



Red (73%)

Green (79%)

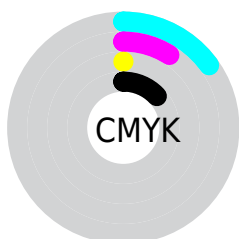
Blue (87%)



Red (73%)

Yellow (77%)

Blue (87%)

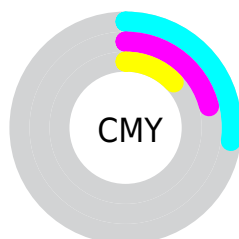


Cyan (15%)

Magenta (9%)

Yellow (0%)

Black (13%)



Cyan (27%)


Magenta (21%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4313, 57.5585, 76.6477 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 54.4313, 57.5585, 76.6477 by changing the saturation by 10% instead.


 54.4313, 57.5585,
76.6477

 54.4313, 57.5585,
76.6477

393.9241,
415.5388, 502.9677

 39.1786, 41.4538,
56.4539


 95.8604, 101.2797,
130.4105

 27.0801, 28.6739,
40.1606


122.7676,
129.6649, 164.8167

 17.7703, 18.8342,
27.3490


154.2902,
162.9125, 204.7973

 10.8839, 11.5506,
17.6008

190.7938,
201.4068, 250.7711

 6.0555, 6.4384,
10.4973

232.6436,
245.5321, 303.1565

 2.9198, 3.1135,
5.6200

280.2051,

 1.1115, 1.1913,

295.6730, 362.3720

2.5504

333.8434,
352.2137, 428.8363

0.0347, 0.0545,
0.8667

0.0000, 0.0000,
0.0000

54.4313, 57.5585,
76.6477

54.4313, 57.5585,
76.6477

46.5325, 49.1783,
75.4474

63.4221, 66.8853,
77.9750

39.6761, 41.7053,
74.3663

73.5411, 77.1820,
79.4291

33.8166, 35.1077,
73.4017

84.8296, 88.4801,
81.0149

28.9026, 29.3489,
72.5491

89.4161, 96.7300,
82.3656

■ 24.8776, 24.3893,
71.8040

■ 90.0513, 98.0005,
82.5773

■ 21.6789, 20.1852,
71.1611

■ 19.2339, 16.6875,
70.6148

■ 17.4552, 13.8388,
70.1587

■ 16.7938, 12.7055,
69.9748

Harmonies

Analogous

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



52.2281, 57.5585, 74.2211



54.4313, 57.5585, 76.6477



56.7716, 57.5585, 75.1119

Triad

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



54.4313, 57.5585, 76.6477



58.8946, 57.5585, 57.0126



50.9876, 57.5585, 55.7332

Complementary

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



54.4313, 57.5585, 76.6477



61.1017, 63.5856, 56.0678

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.



52.6943, 57.5585, 51.6865



54.4313, 57.5585, 76.6477



57.2644, 57.5585, 52.3868

Square

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



54.4313, 57.5585, 76.6477



59.3918, 57.5585, 63.4675



54.9849, 57.5585, 50.5066



50.2764, 57.5585, 61.8820

Rectangle

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



54.4313, 57.5585, 76.6477



58.0875, 57.5585, 72.1040



54.9849, 57.5585, 50.5066



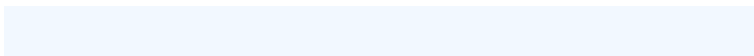
51.4614, 57.5585, 54.0996

Sweetspot

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



54.4330, 57.5609, 76.6490



88.1680, 92.9698, 107.9058



57.5932, 66.7756, 68.7793



18.6714, 19.6938, 23.0671



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.



54.4330, 57.5609, 76.6490



72.1171, 76.2785, 105.5300



52.0162, 51.6881, 75.6428



12.7769, 13.4936, 16.5832



9.8612, 7.5918, 40.6840



0.7224, 0.6589, 2.6636

Inverse Universe

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



58.1331, 55.1312, 62.8384



78.0691, 72.5116, 83.2826



63.7904, 70.2329, 57.2091



13.2773, 13.1400, 14.7214



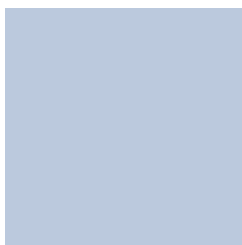
18.4728, 9.3902, 6.8697



1.2389, 0.6252, 0.6672

Previews

White Background



This preview shows how the XYZ color 54.4313, 57.5585, 76.6477 looks on a white background.

Color Contrast Check

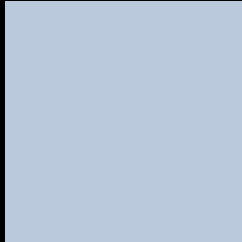
Large Text (above 18pt) WCAG AA × Fail

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 54.4313, 57.5585, 76.6477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

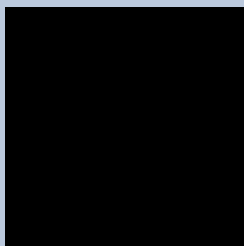
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4313, 57.5585, 76.6477

Background



This preview shows how black text looks on a background with the XYZ color 54.4313, 57.5585, 76.6477.



This preview shows how white text looks on a background with the XYZ color 54.4313, 57.5585,

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

54.4313, 57.5585, 76.6477

Protanopia

56.0062, 57.3730, 75.1401

Deuteranopia

58.4890, 57.2674, 77.0783



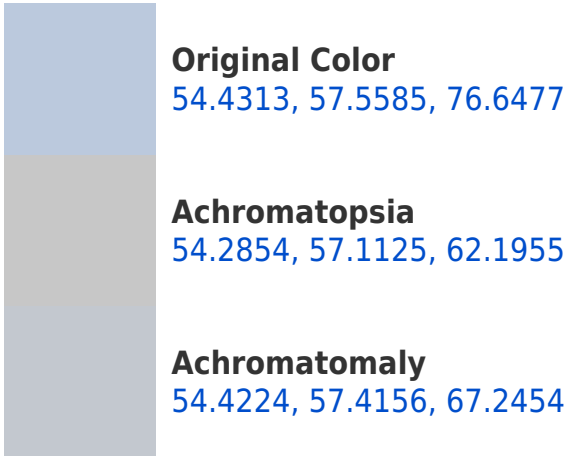
Tritanopia

54.0251, 57.7421, 74.6276

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4313, 57.5585, 76.6477 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(187, 201, 221)` looks like.

```
.text, #text, p{  
    color:rgb(187, 201, 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(187, 201, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 201, 221) }
```

Border

The CSS property to change the border of an element to XYZ 54.4313, 57.5585, 76.6477 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(187, 201, 221) }
```


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

```
.border{ border-color:rgb(187, 201, 221) }
```

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

Here you see how a box with a 4 pixel rgb(187, 201, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 201, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 201, 221);  
box-shadow:4px 4px 4px 4px rgb(187, 201,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4313, 57.5585, 76.6477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 201, 221) }
```

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

```
.background{ background-color: rgb(187,  
201, 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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