

Converting Colors

XYZ(54.8661, 57.9398, 74.5312)

Have a look what the booklet for
XYZ(54.8661, 57.9398, 74.5312)
contains.

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Color

**XYZ(54.7767, 57.7824,
74.5957)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC9DA
RGB	190, 201, 218
RGB Percent	75%, 79%, 85%
CMY	0.2549, 0.2117, 0.1451
CMYK	0.13, 0.08, 0.00, 0.15
HSL	216°, 27%, 80%
HSV	216°, 13%, 85%
XYZ	54.7767, 57.7824, 74.5957
YIQ	199.6490, -12.0130, 2.9550

Conversions

Conversions Part 2

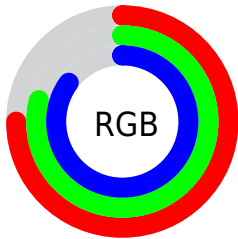
Format	Color
RYB	190, 198, 218
Decimal	12503514
CIELab	80.62, -0.36, -9.73
CIELCh	81, 9.736, 267.860
Yxy	57.7824, 0.2927, 0.3087
Android (android.graphics.Color)	4290693594 (0xFFBEC9DA)
YUV	199.6490, 9.0470, -8.4622
Hunter-Lab	76.0147, -4.3976, -4.9729

Details

The XYZ color **54.7767, 57.7824, 74.5957** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5207, 63.2483, 57.7346**, and the grayscale version is **54.6367, 57.4821, 62.5980**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **27.1979, 28.7460, 38.7654** is the 20% darker color. If you saturate the color by 10%, you get **46.7808, 49.2777, 73.3765**, and if you desaturate by 10%, it is **63.8562, 67.2434, 75.9442**.

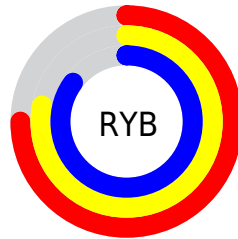
Distribution



Red (75%)

Green (79%)

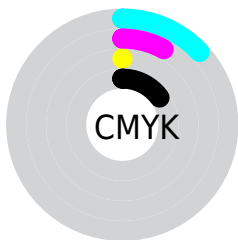
Blue (85%)



Red (75%)

Yellow (78%)

Blue (85%)

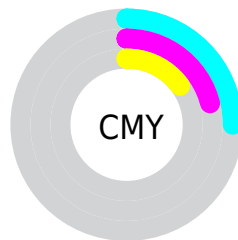


Cyan (13%)

Magenta (8%)

Yellow (0%)

Black (15%)



Cyan (25%)

Magenta (21%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7767, 57.7824, 74.5957 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 54.7767, 57.7824, 74.5957 by changing the saturation by 10% instead.

■ 54.7767, 57.7824,
74.5957

■ 54.7767, 57.7824,
74.5957

395.2151,
416.3746, 495.7451

■ 39.4561, 41.6337,
54.7820

■ 96.3639, 101.6059,
127.4817

■ 27.2971, 28.8146,
38.8298

123.3613,
130.0496, 161.3911

■ 17.9342, 18.9406,
26.3205

154.9816,
163.3603, 200.8362

■ 11.0021, 11.6274,
16.8357

191.5903,
201.9226, 246.2354

■ 6.1356, 6.4905,
9.9567

233.5526,
246.1207, 298.0074

■ 2.9691, 3.1456,
5.2650

281.2339,

■ 1.1375, 1.2082,

296.3392, 356.5706

2.3421

334.9996,
352.9624, 422.3437

■ 0.0561, 0.0684,
0.7547

■ 0.0000, 0.0000,
0.0000

■ 54.7767, 57.7824,
74.5957

■ 54.7767, 57.7824,
74.5957

■ 46.7808, 49.2777,
73.3765

■ 63.8562, 67.2434,
75.9442

■ 39.8207, 41.6901,
72.2788

■ 74.0545, 77.6836,
77.4219

■ 33.8525, 34.9882,
71.2997

■ 85.2631, 89.0581,
79.0266

■ 28.8268, 29.1358,
70.4350

■ 89.3174, 97.1666,
80.3780

■ 24.6898, 24.0939,
69.6798

■ 89.6551, 97.8420,
80.4906

■ 21.3816, 19.8199,
69.0292

■ 18.8342, 16.2662,
68.4776

■ 16.9665, 13.3778,
68.0185

■ 15.9563, 11.6644,
67.7410

Harmonies

Analogous

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



52.8966, 57.7824, 72.7263



54.7767, 57.7824, 74.5957



56.7402, 57.7824, 73.1810

Triad

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



54.7767, 57.7824, 74.5957



58.3968, 57.7824, 57.8995



51.7229, 57.7824, 57.2270

Complementary

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



54.7767, 57.7824, 74.5957



60.5207, 63.2483, 57.7346

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.



53.1400, 57.7824, 53.6574



54.7767, 57.7824, 74.5957



56.9953, 57.7824, 54.0288

Square

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



54.7767, 57.7824, 74.5957



58.8604, 57.7824, 63.3281



55.0644, 57.7824, 52.5225



51.1604, 57.7824, 62.5041

Rectangle

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



54.7767, 57.7824, 74.5957



57.8265, 57.7824, 70.6110



55.0644, 57.7824, 52.5225



52.1134, 57.7824, 55.7999

Sweetspot

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



54.7784, 57.7848, 74.5970



89.4529, 94.2294, 108.0812



57.5456, 65.5861, 68.5307



18.9275, 19.9421, 23.1016



0.0000, 0.0000, 0.0000



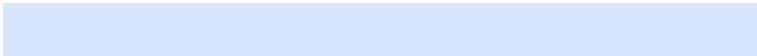
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7784, 57.7848, 74.5970



75.3860, 79.5233, 105.9840



53.0107, 53.2011, 73.8054



12.7563, 13.4524, 16.5764



9.6572, 7.1838, 40.6160



0.7081, 0.6303, 2.6588

Inverse Universe

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



57.8708, 55.9506, 63.0106



80.5228, 76.5707, 86.7164



62.4497, 68.3388, 58.6155



13.2669, 13.1358, 14.6666



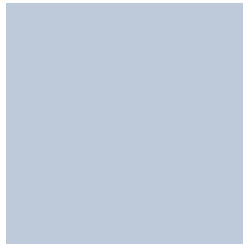
18.3698, 9.3490, 6.3276



1.2317, 0.6223, 0.6291

Previews

White Background



This preview shows how the XYZ color 54.7767, 57.7824, 74.5957 looks on a white background.

Color Contrast Check

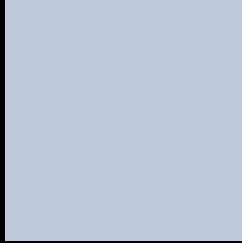
Large Text (above 18pt) WCAG AA × Fail

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 54.7767, 57.7824, 74.5957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

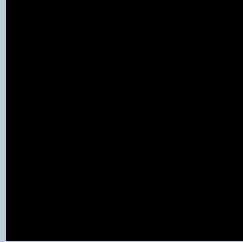
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7767, 57.7824, 74.5957

Background



This preview shows how black text looks on a background with the XYZ color 54.7767, 57.7824, 74.5957.



This preview shows how white text looks on a background with the XYZ color 54.7767, 57.7824,

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

54.7767, 57.7824, 74.5957

Protanopia

56.3713, 57.9468, 73.1795

Deuteranopia

58.6563, 57.3997, 75.0056



Tritanopia

54.6462, 57.7302, 73.9085

Trichromacy



Original Color

54.7767, 57.7824, 74.5957

Protanomaly

55.9436, 58.0541, 73.9027

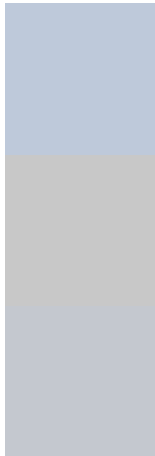
Deuteranomaly

57.3810, 57.7435, 75.1391

Tritanomaly

54.6462, 57.7302, 73.9085

Monochromacy



Original Color

54.7767, 57.7824, 74.5957

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.6817, 57.5493, 67.2576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7767, 57.7824, 74.5957 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(190, 201, 218) looks like.

```
.text, #text, p{  
    color:rgb(190, 201, 218)  
}
```

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(190, 201, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 201, 218) }
```

Border

The CSS property to change the border of an element to XYZ 54.7767, 57.7824, 74.5957 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(190, 201, 218) }
```


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

```
.border{ border-color:rgb(190, 201, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 201, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 201, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 201, 218);  
box-shadow:4px 4px 4px 4px rgb(190, 201,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7767, 57.7824, 74.5957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 201, 218) }
```

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

```
.background{ background-color: rgb(190,  
201, 218) }
```

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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