

Converting Colors

XYZ(53.8974, 57.7750, 65.3190)

Have a look what the booklet for
XYZ(53.8974, 57.7750, 65.3190)
contains.

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Color

**XYZ(54.0119, 57.9381,
65.4632)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CACC
RGB	193, 202, 204
RGB Percent	76%, 79%, 80%
CMY	0.2431, 0.2078, 0.2000
CMYK	0.05, 0.01, 0.00, 0.20
HSL	191°, 10%, 78%
HSV	191°, 5%, 80%
XYZ	54.0119, 57.9381, 65.4632
YIQ	199.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

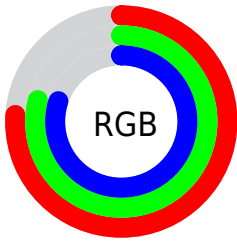
Format	Color
R _Y B	193, 198, 204
Decimal	12700364
CIE Lab	80.70, -2.68, -2.07
CIE LCh	81, 3.388, 217.646
Yxy	57.9381, 0.3044, 0.3266
Android (android.graphics.Color)	4290890444 (0xFFC1CACC)
YUV	199.5370, 2.2003, -5.7329
Hunter-Lab	76.1171, -6.5431, 2.2906

Details

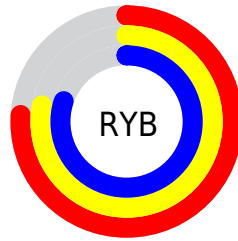
The XYZ color **54.0119, 57.9381, 65.4632** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0428, 55.7174, 58.3591**, and the grayscale version is **54.6060, 57.4498, 62.5628**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **26.7424, 28.8708, 33.0173** is the 20% darker color. If you saturate the color by 10%, you get **48.3078, 53.7246, 64.9514**, and if you desaturate by 10%, it is **60.4575, 62.5681, 66.0180**.

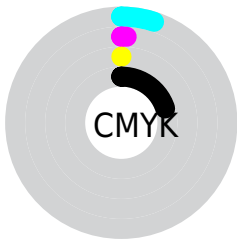
Distribution



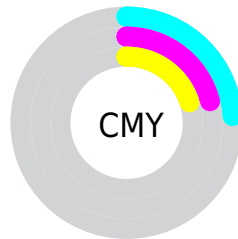
- Red (76%)
- Green (79%)
- Blue (80%)



- Red (76%)
- Yellow (78%)
- Blue (80%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0119, 57.9381, 65.4632 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 54.0119, 57.9381, 65.4632 by changing the saturation by 10% instead.

■ 54.0119, 57.9381,
65.4632

■ 54.0119, 57.9381,
65.4632

392.3530,
416.9552, 462.8063

■ 38.8419, 41.7589,
47.3830

■ 95.2485, 101.8327,
114.3352

■ 26.8169, 28.9125,
32.9821

122.0458,
130.3169, 145.9641

■ 17.5716, 19.0147,
21.8417

153.4496,
163.6715, 182.9463

■ 10.7407, 11.6809,
13.5434

189.8252,
202.2810, 225.7004

■ 5.9588, 6.5268,
7.6687

231.5380,
246.5297, 274.6449

■ 2.8604, 3.1680,
3.7990

278.9533,

■ 1.0804, 1.2200,

296.8021, 330.1984

1.5157

332.4365,
353.4825, 392.7794

■ 0.0086, 0.0780,
0.2296

■ 0.0000, 0.0000,
0.0000

■ 54.0119, 57.9381,
65.4632

■ 54.0119, 57.9381,
65.4632

■ 48.3078, 53.7246,
64.9514

■ 60.4575, 62.5681,
66.0180

■ 43.3110, 49.9048,
64.4775

■ 67.6674, 67.6216,
66.6135

■ 38.9917, 46.4648,
64.0412

■ 75.6693, 73.1148,
67.2520

■ 35.3163, 43.3871,
63.6408

■ 76.9052, 75.1516,
67.5800

■ 32.2480, 40.6525,
63.2747

■ 77.8695, 77.0802,
67.9014

■ 29.7464, 38.2398,
62.9409

■ 78.8553, 79.0518,
68.2301

■ 27.7658, 36.1254,
62.6371

■ 79.8628, 81.0669,
68.5659

■ 26.2534, 34.2818,
62.3610

■ 80.8922, 83.1256,
68.9090

■ 25.1444, 32.6753,
62.1094

■ 81.9435, 85.2282,
69.2594

Harmonies

Analogous

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



53.7481, 57.9381, 63.5979



54.0119, 57.9381, 65.4632



54.5592, 57.9381, 66.7092

Triad

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



54.0119, 57.9381, 65.4632



56.3198, 57.9381, 64.5589



54.8899, 57.9381, 59.3490

Complementary

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



54.0119, 57.9381, 65.4632



54.0428, 55.7174, 58.3591

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.



55.5808, 57.9381, 59.5940



54.0119, 57.9381, 65.4632



56.4102, 57.9381, 62.5744

Square

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



54.0119, 57.9381, 65.4632



55.8928, 57.9381, 66.1794



56.1386, 57.9381, 60.7646



54.2522, 57.9381, 60.0881

Rectangle

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



54.0119, 57.9381, 65.4632



55.0133, 57.9381, 67.0062



56.1386, 57.9381, 60.7646



55.1236, 57.9381, 59.3193

Sweetspot

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



54.0136, 57.9406, 65.4645



92.9039, 98.4562, 108.7151



53.4176, 58.4567, 59.9998



19.9078, 21.0899, 23.2715



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.



54.0136, 57.9406, 65.4645



88.7637, 95.4535, 108.3538



52.7829, 55.4793, 65.0543



11.7280, 12.6347, 14.3910



15.6164, 20.2569, 39.0432



0.8519, 1.1376, 2.0296

Inverse Universe

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



54.6337, 55.2426, 63.6633



89.9178, 90.4461, 104.9991



55.2599, 58.1517, 58.7648



11.8936, 11.9178, 13.9095



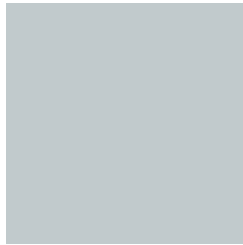
20.0934, 9.8479, 24.0081



1.0600, 0.5174, 1.3616

Previews

White Background



This preview shows how the XYZ color 54.0119, 57.9381, 65.4632 looks on a white background.

Color Contrast Check

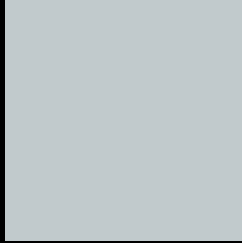
Large Text (above 18pt) WCAG AA × Fail

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 54.0119, 57.9381, 65.4632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

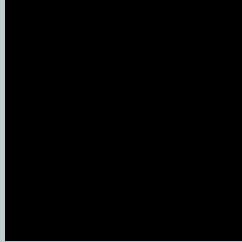
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

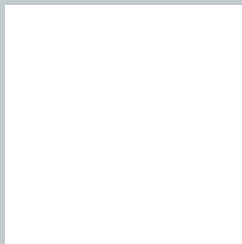
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0119, 57.9381, 65.4632

Background



This preview shows how black text looks on a background with the XYZ color 54.0119, 57.9381, 65.4632.



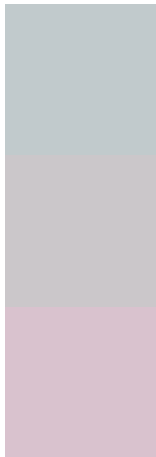
This preview shows how white text looks on a background with the XYZ color 54.0119, 57.9381,

65.4632.

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

54.0119, 57.9381, 65.4632

Protanopia

55.7127, 57.8076, 64.0987

Deuteranopia

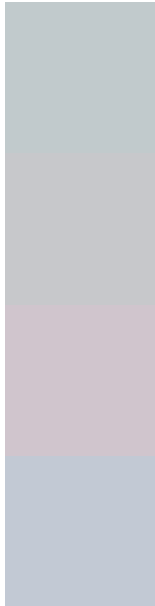
59.0476, 57.7915, 66.4353



Tritanopia

55.5546, 57.8685, 73.2074

Trichromacy



Original Color

54.0119, 57.9381, 65.4632

Protanomaly

54.9870, 57.7625, 64.7511

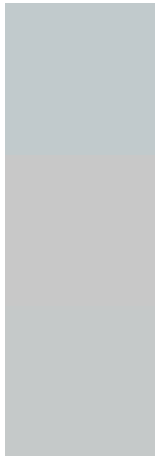
Deuteranomaly

56.9981, 57.7502, 65.9004

Tritanomaly

55.0184, 57.9961, 70.5819

Monochromacy



Original Color

54.0119, 57.9381, 65.4632

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.4552, 57.8607, 63.5565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0119, 57.9381, 65.4632 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(193, 202, 204) looks like.

```
.text, #text, p{  
    color:rgb(193, 202, 204)  
}
```

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(193, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 202, 204) }
```

Border

The CSS property to change the border of an element to XYZ 54.0119, 57.9381, 65.4632 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(193, 202, 204) }
```


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

```
.border{ border-color:rgb(193, 202, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 202, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(193, 202,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0119, 57.9381, 65.4632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 202, 204) }
```

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

```
.background{ background-color: rgb(193,  
202, 204) }
```

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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