

Converting Colors

XYZ(53.9296, 58.6582, 67.2336)

Have a look what the booklet for
XYZ(53.9296, 58.6582, 67.2336)
contains.

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Color

**XYZ(53.8416, 58.5095,
67.4872)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCCCF
RGB	189, 204, 207
RGB Percent	74%, 80%, 81%
CMY	0.2588, 0.2000, 0.1882
CMYK	0.09, 0.01, 0.00, 0.19
HSL	190°, 16%, 78%
HSV	190°, 9%, 81%
XYZ	53.8416, 58.5095, 67.4872
YIQ	199.8570, -9.9030, -2.2470

Conversions

Conversions Part 2

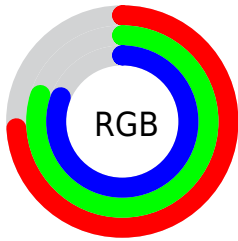
Format	Color
RYB	189, 197, 207
Decimal	12438735
CIELab	81.02, -4.48, -3.25
CIElCh	81, 5.536, 215.892
Yxy	58.5095, 0.2994, 0.3253
Android (android.graphics.Color)	4290628815 (0xFFBDCCCF)
YUV	199.8570, 3.5215, -9.5216
Hunter-Lab	76.4915, -8.2158, 1.2335

Details

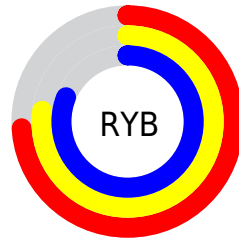
The XYZ color **53.8416, 58.5095, 67.4872** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7674, 54.6385, 55.8575**, and the grayscale version is **54.7965, 57.6501, 62.7810**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **26.8095, 29.3468, 34.3885** is the 20% darker color. If you saturate the color by 10%, you get **48.2591, 54.4305, 66.9950**, and if you desaturate by 10%, it is **60.1785, 63.0075, 68.0223**.

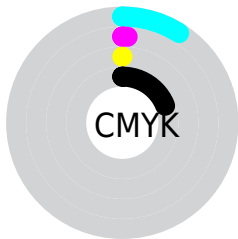
Distribution



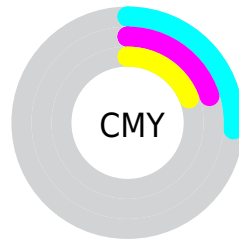
- Red (74%)
- Green (80%)
- Blue (81%)



- Red (74%)
- Yellow (77%)
- Blue (81%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (26%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8416, 58.5095, 67.4872 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 53.8416, 58.5095, 67.4872 by changing the saturation by 10% instead.

■ 53.8416, 58.5095,
67.4872

■ 53.8416, 58.5095,
67.4872

391.7139,
419.0818, 470.2256

■ 38.7052, 42.2184,
49.0166

■ 94.9999, 102.6644,
117.2655

■ 26.7102, 29.2723,
34.2669

121.7525,
131.2971, 149.4103

■ 17.4911, 19.2869,
22.8197

153.1079,
164.8123, 186.9502

■ 10.6827, 11.8778,
14.2564

189.4314,
203.5946, 230.3038

■ 5.9196, 6.6605,
8.1584

231.0884,
248.0283, 279.8896

■ 2.8365, 3.2507,
4.1073

278.4442,

■ 1.0679, 1.2640,

298.4978, 336.1261

1.6844

331.8643,
355.3875, 399.4319

■ 0.0000, 0.1131,
0.3500

■ 0.0000, 0.0000,
0.0000

■ 53.8416, 58.5095,
67.4872

■ 53.8416, 58.5095,
67.4872

■ 48.2591, 54.4305,
66.9950

■ 60.1785, 63.0075,
68.0223

■ 43.3950, 50.7469,
66.5404

■ 67.2938, 67.9323,
68.5979

■ 39.2176, 47.4440,
66.1230

■ 75.2169, 73.3008,
69.2165

■ 35.6912, 44.5031,
65.7412

■ 77.5198, 75.7994,
69.5774

■ 32.7765, 41.9037,
65.3931

■ 78.4218, 77.6034,
69.8781

■ 30.4301, 39.6233,
65.0766

■ 79.3425, 79.4447,
70.1850

■ 28.6024, 37.6362,
64.7894

■ 80.2820, 81.3237,
70.4981

■ 27.2354, 35.9123,
64.5287

■ 81.2404, 83.2405,
70.8176

■ 26.2372, 34.4040,
64.2902

■ 82.2178, 85.1953,
71.1434

Harmonies

Analogous

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



53.4436, 58.5095, 64.3584



53.8416, 58.5095, 67.4872



54.7144, 58.5095, 69.6560

Triad

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



53.8416, 58.5095, 67.4872



57.6517, 58.5095, 66.3253



55.3851, 58.5095, 57.6205

Complementary

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



53.8416, 58.5095, 67.4872



53.7674, 54.6385, 55.8575

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.



56.5184, 58.5095, 58.1065



53.8416, 58.5095, 67.4872



57.8373, 58.5095, 63.0598

Square

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



53.8416, 58.5095, 67.4872



56.9163, 58.5095, 68.9692



57.4198, 58.5095, 60.0705



54.3269, 58.5095, 58.7194

Rectangle

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



53.8416, 58.5095, 67.4872



55.4535, 58.5095, 70.2258



57.4198, 58.5095, 60.0705



55.7699, 58.5095, 57.6045

Sweetspot

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



53.8433, 58.5120, 67.4885



91.8863, 97.7679, 108.6359



52.7813, 59.2379, 58.3482



19.4906, 20.8009, 23.2377



0.0000, 0.0000, 0.0000



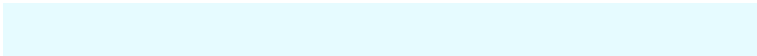
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8433, 58.5120, 67.4885



84.9433, 92.8013, 108.0432



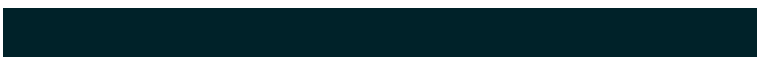
51.8321, 54.4896, 66.8181



11.9839, 13.0580, 15.1325



16.5146, 21.6759, 40.5059



0.9690, 1.3031, 2.2800

Inverse Universe

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



54.8301, 54.0214, 64.6669



86.7717, 84.5253, 102.8055



55.7352, 58.5741, 56.5135



12.2227, 11.9738, 14.4488



20.9666, 10.2595, 25.7938



1.1953, 0.5828, 1.5634

Previews

White Background



This preview shows how the XYZ color 53.8416, 58.5095, 67.4872 looks on a white background.

Color Contrast Check

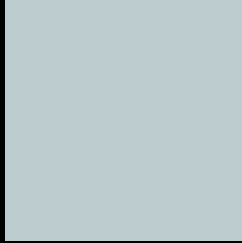
Large Text (above 18pt) WCAG AA × Fail

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 53.8416, 58.5095, 67.4872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

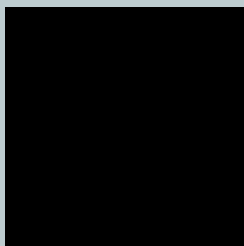
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

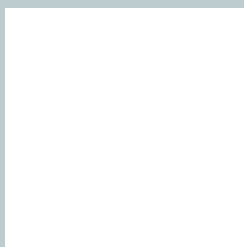
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8416, 58.5095, 67.4872

Background



This preview shows how black text looks on a background with the XYZ color 53.8416, 58.5095, 67.4872.



This preview shows how white text looks on a background with the XYZ color 53.8416, 58.5095,

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

53.8416, 58.5095, 67.4872

Protanopia

56.3023, 58.4128, 66.0650

Deuteranopia

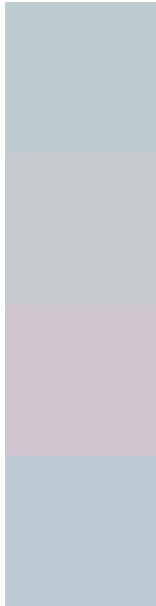
59.6390, 58.3854, 68.4478



Tritanopia

55.2613, 58.3794, 74.6854

Trichromacy



Original Color

53.8416, 58.5095, 67.4872

Protanomaly

55.3159, 58.2353, 66.7176

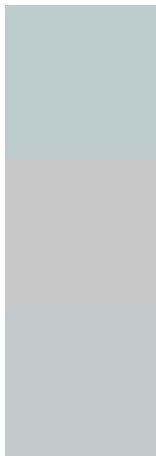
Deuteranomaly

57.3114, 58.2076, 67.8891

Tritanomaly

54.7287, 58.5141, 72.0282

Monochromacy



Original Color

53.8416, 58.5095, 67.4872

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.4311, 57.8208, 64.7916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8416, 58.5095, 67.4872 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(189, 204, 207) looks like.

```
.text, #text, p{  
    color:rgb(189, 204, 207)  
}
```

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(189, 204, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 204, 207) }
```

Border

The CSS property to change the border of an element to XYZ 53.8416, 58.5095, 67.4872 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(189, 204, 207) }
```


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

```
.border{ border-color:rgb(189, 204, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 204, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 204, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 204, 207);  
box-shadow:4px 4px 4px 4px rgb(189, 204,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8416, 58.5095, 67.4872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 204, 207) }
```

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

```
.background{ background-color: rgb(189,  
204, 207) }
```

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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