

Converting Colors

XYZ(50.3551, 54.9323, 58.4145)

Have a look what the booklet for
XYZ(50.3551, 54.9323, 58.4145)
contains.

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Color

**XYZ(50.3132, 54.8032,
58.3784)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC6C1
RGB	187, 198, 193
RGB Percent	73%, 78%, 76%
CMY	0.2667, 0.2235, 0.2431
CMYK	0.06, 0.00, 0.03, 0.22
HSL	153°, 9%, 75%
HSV	153°, 6%, 78%
XYZ	50.3132, 54.8032, 58.3784
YIQ	194.1410, -4.9510, -3.8870

Conversions

Conversions Part 2

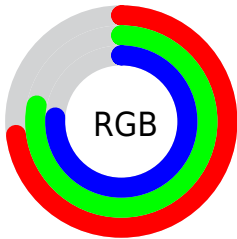
Format	Color
RYB	187, 194, 198
Decimal	12306113
CIELab	78.93, -4.70, 1.19
CIELCh	79, 4.852, 165.792
Yxy	54.8032, 0.3077, 0.3352
Android (android.graphics.Color)	4290496193 (0xFFBBC6C1)
YUV	194.1410, -0.5625, -6.2627
Hunter-Lab	74.0292, -8.2353, 5.0651

Details

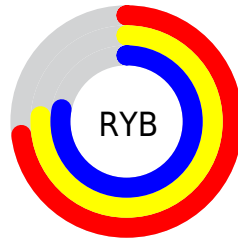
The XYZ color **50.3132, 54.8032, 58.3784** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5754, 51.3535, 57.1183**, and the grayscale version is **51.3682, 54.0434, 58.8532**.

A 20% lighter version of the original color is **89.8210, 97.4142, 103.6913**, and **24.5384, 26.9083, 28.7115** is the 20% darker color. If you saturate the color by 10%, you get **44.8255, 52.0883, 53.0380**, and if you desaturate by 10%, it is **56.5331, 57.8916, 64.0745**.

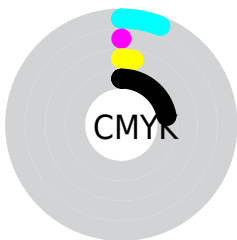
Distribution



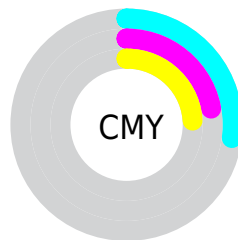
- Red (73%)
- Green (78%)
- Blue (76%)



- Red (73%)
- Yellow (76%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3132, 54.8032, 58.3784 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 50.3132, 54.8032, 58.3784 by changing the saturation by 10% instead.

■ 50.3132, 54.8032,
58.3784

■ 50.3132, 54.8032,
58.3784

378.3213,
405.1655, 436.2320

■ 35.8811, 39.2442,
41.6962

■ 89.8278, 97.2526,
103.9939

■ 24.5121, 26.9497,
28.5397

115.6411,
124.9117, 133.7643

■ 15.8407, 17.5355,
18.4903

145.9787,
157.3730, 168.7346

■ 9.5016, 10.6170,
11.1295

181.2062,
195.0208, 209.3232

■ 5.1295, 5.8099,
6.0387

221.6889,
238.2396, 255.9487

■ 2.3590, 2.7298,
2.7995

267.7920,

■ 0.8246, 0.9924,

287.4137, 309.0296

0.9932

319.8810,
342.9275, 368.9846

■ 0.0000, 0.0000,
0.0000

■ 50.3132, 54.8032,
58.3784

■ 50.3132, 54.8032,
58.3784

■ 44.8255, 52.0883,
53.0380

■ 56.5331, 57.8916,
64.0745

■ 40.0371, 49.7253,
48.0429

■ 63.5071, 61.3601,
70.1294

■ 35.9194, 47.7014,
43.3869

■ 71.2622, 65.2238,
76.5510

■ 32.4400, 45.9998,
39.0626

■ 75.5799, 67.3082,
83.1469

■ 29.5638, 44.6026,
35.0623

■ 76.8702, 67.8243,
89.9416

■ 27.2519, 43.4900,
31.3778

■ 78.2267, 68.3669,
97.0846

■ 25.4609, 42.6395,
28.0005

■ 79.4851, 68.8703,
103.7117

■ 24.1403, 42.0256,
24.9213

■ 23.2285, 41.6163,
22.1302

Harmonies

Analogous

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



50.7719, 54.8032, 56.0473



50.3132, 54.8032, 58.3784



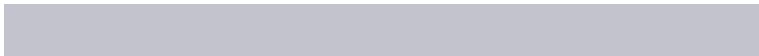
50.3262, 54.8032, 61.1272

Triad

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



50.3132, 54.8032, 58.3784



52.5947, 54.8032, 64.9245



53.3914, 54.8032, 55.9479

Complementary

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



50.3132, 54.8032, 58.3784



50.5754, 51.3535, 57.1183

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.



53.8921, 54.8032, 58.2389



50.3132, 54.8032, 58.3784



53.4283, 54.8032, 63.4483

Square

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



50.3132, 54.8032, 58.3784



51.6354, 54.8032, 64.9647



53.9057, 54.8032, 60.9833



52.5449, 54.8032, 54.6737

Rectangle

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



50.3132, 54.8032, 58.3784



50.6003, 54.8032, 62.8289



53.9057, 54.8032, 60.9833



53.6062, 54.8032, 56.6214

Sweetspot

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



50.3147, 54.8055, 58.3796



92.8274, 98.8971, 106.8589



50.9376, 55.2024, 54.9848



19.8922, 21.1796, 22.8937



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.



50.3147, 54.8055, 58.3796



87.5057, 96.2586, 101.8695



50.7988, 54.8652, 61.3415



10.9715, 12.1000, 12.7832



14.9357, 26.9867, 13.8719



0.7434, 1.2923, 0.8475

Inverse Universe

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



50.5754, 51.3535, 57.1183



88.0897, 88.5241, 99.0434



50.1082, 51.2913, 54.2736



11.0490, 11.0732, 12.4081



16.3882, 8.3048, 7.2541



0.8124, 0.4078, 0.5353

Previews

White Background



This preview shows how the XYZ color 50.3132, 54.8032, 58.3784 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 50.3132, 54.8032, 58.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

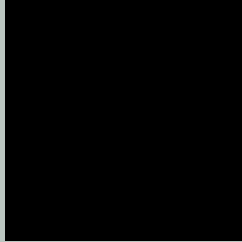
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

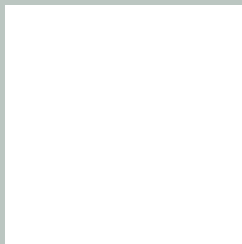
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.3132, 54.8032, 58.3784

Background



This preview shows how black text looks on a background with the XYZ color 50.3132, 54.8032, 58.3784.



This preview shows how white text looks on a background with the XYZ color 50.3132, 54.8032,

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

50.3132, 54.8032, 58.3784

Protanopia

52.5152, 54.6245, 57.0660

Deuteranopia

55.7795, 54.6315, 59.2348



Tritanopia

52.5082, 54.6805, 69.4149

Trichromacy



Original Color

50.3132, 54.8032, 58.3784

Protanomaly

51.5352, 54.4381, 57.6606

Deuteranomaly

53.4891, 54.4317, 58.7261

Tritanomaly

51.6253, 54.6583, 64.9559

Monochromacy



Original Color

50.3132, 54.8032, 58.3784

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.7386, 54.0016, 58.7881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3132, 54.8032, 58.3784 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, 198, 193)` looks like.

```
.text, #text, p{  
    color:rgb(187, 198, 193)  
}
```

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, 198, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 198, 193) }
```

Border

The CSS property to change the border of an element to XYZ 50.3132, 54.8032, 58.3784 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, 198, 193) }
```


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

```
.border{ border-color:rgb(187, 198, 193) }
```

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

Here you see how a box with a 4 pixel rgb(187, 198, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 198, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 198, 193);  
box-shadow:4px 4px 4px 4px rgb(187, 198,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3132, 54.8032, 58.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 198, 193) }
```

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

```
.background{ background-color: rgb(187,  
198, 193) }
```

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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