

Converting Colors

XYZ(50.1584, 53.8312, 57.4578)

Have a look what the booklet for
XYZ(50.1584, 53.8312, 57.4578)
contains.

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Color

**XYZ(50.0158, 53.6548,
57.5895)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC3C0
RGB	189, 195, 192
RGB Percent	74%, 76%, 75%
CMY	0.2588, 0.2353, 0.2471
CMYK	0.03, 0.00, 0.02, 0.24
HSL	150°, 5%, 75%
HSV	150°, 3%, 76%
XYZ	50.0158, 53.6548, 57.5895
YIQ	192.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

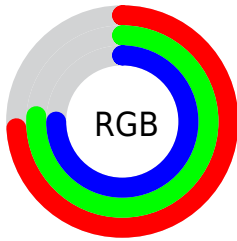
Format	Color
RYB	189, 193, 195
Decimal	12436416
CIELab	78.26, -2.62, 0.77
CIElCh	78, 2.735, 163.548
Yxy	53.6548, 0.3102, 0.3327
Android (android.graphics.Color)	4290626496 (0xFFBDC3C0)
YUV	192.8640, -0.4260, -3.3887
Hunter-Lab	73.2494, -6.3041, 4.6602

Details

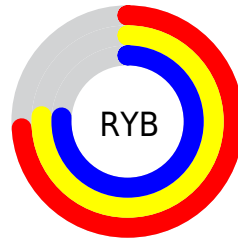
The XYZ color **50.0158, 53.6548, 57.5895** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.2197, 51.8044, 57.2242**, and the grayscale version is **50.6135, 53.2493, 57.9885**.

A 20% lighter version of the original color is **89.4099, 95.8106, 102.5878**, and **24.3384, 26.1481, 28.1904** is the 20% darker color. If you saturate the color by 10%, you get **44.4550, 50.9104, 51.8732**, and if you desaturate by 10%, it is **56.3017, 56.7678, 63.7160**.

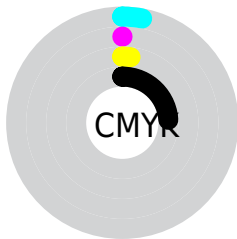
Distribution



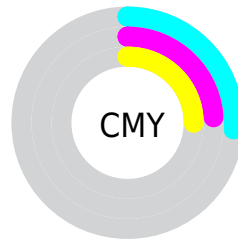
- Red (74%)
- Green (76%)
- Blue (75%)



- Red (74%)
- Yellow (76%)
- Blue (76%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (26%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0158, 53.6548, 57.5895 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 50.0158, 53.6548, 57.5895 by changing the saturation by 10% instead.

■ 50.0158, 53.6548,
57.5895

■ 50.0158, 53.6548,
57.5895

377.1787,
400.7923, 433.2100

■ 35.6438, 38.3258,
41.0662

■ 89.3900, 95.5672,
102.8337

■ 24.3281, 26.2356,
28.0507

115.1228,
122.9194, 132.3917

■ 15.7032, 17.0000,
18.1245

145.3734,
155.0480, 167.1316

■ 9.4039, 10.2345,
10.8691

180.5070,
192.3375, 207.4721

■ 5.0648, 5.5547,
5.8658

220.8889,
235.1723, 253.8317

■ 2.3205, 2.5763,
2.6962

266.8846,

■ 0.8051, 0.9147,

283.9368, 306.6288

0.9415

318.8594,
339.0153, 366.2821

■ 0.0000, 0.0000,
0.0000

■ 50.0158, 53.6548,
57.5895

■ 50.0158, 53.6548,
57.5895

■ 44.4550, 50.9104,
51.8732

■ 56.3017, 56.7678,
63.7160

■ 39.5876, 48.5138,
46.5551

■ 63.3339, 60.2555,
70.2573

■ 35.3862, 46.4526,
41.6277

■ 71.1382, 64.1326,
77.2226

■ 31.8198, 44.7110,
37.0818

■ 75.1830, 66.0630,
84.4064

■ 28.8549, 43.2719,
32.9079

■ 76.6000, 66.6298,
91.8682

■ 26.4548, 42.1164,
29.0962

■ 78.0950, 67.2278,
99.7408

■ 24.5782, 41.2237,
25.6362

■ 78.8061, 67.5123,
103.4854

■ 23.1783, 40.5696,
22.5169

■ 22.1987, 40.1253,
19.7264

Harmonies

Analogous

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



50.2909, 53.6548, 56.3089



50.0158, 53.6548, 57.5895



50.0025, 53.6548, 59.1147

Triad

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



50.0158, 53.6548, 57.5895



51.2390, 53.6548, 61.3359



51.7475, 53.6548, 56.4121

Complementary

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



50.0158, 53.6548, 57.5895



50.2197, 51.8044, 57.2242

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.



52.0052, 53.6548, 57.7326



50.0158, 53.6548, 57.5895



51.7102, 53.6548, 60.5852

Square

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



50.0158, 53.6548, 57.5895



50.7061, 53.6548, 61.2960



51.9915, 53.6548, 59.2604



51.2895, 53.6548, 55.6373

Rectangle

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



50.0158, 53.6548, 57.5895



50.1437, 53.6548, 60.0664



51.9915, 53.6548, 59.2604



51.8605, 53.6548, 56.8059

Sweetspot

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



50.0173, 53.6571, 57.5907



91.7916, 97.1909, 105.3433



50.4659, 53.9264, 55.8938



20.1133, 21.2897, 23.0808



0.0000, 0.0000, 0.0000



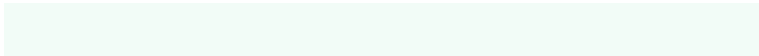
20.3446, 21.4041, 23.3091

Same Dimension

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



50.0173, 53.6571, 57.5907



88.5409, 95.5834, 102.1013



50.3423, 53.7871, 59.3018



10.7264, 11.6258, 12.3807



14.1423, 25.9510, 11.9084



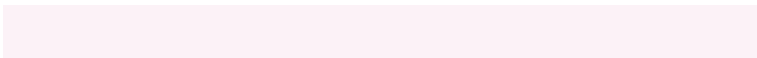
0.6458, 1.1352, 0.6978

Inverse Universe

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



50.2197, 51.8044, 57.2242



89.0159, 91.2339, 101.2408



49.9011, 51.6770, 55.5464



10.7930, 11.0165, 12.2602



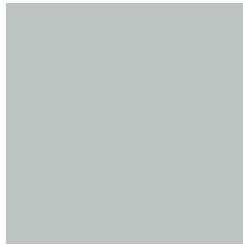
16.0890, 8.1254, 8.3807



0.7300, 0.3650, 0.5454

Previews

White Background



This preview shows how the XYZ color 50.0158, 53.6548, 57.5895 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 50.0158, 53.6548, 57.5895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

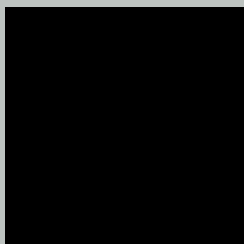
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

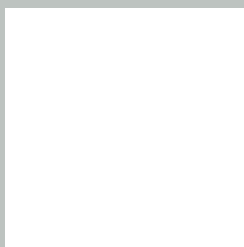
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.0158, 53.6548, 57.5895

Background



This preview shows how black text looks on a background with the XYZ color 50.0158, 53.6548, 57.5895.

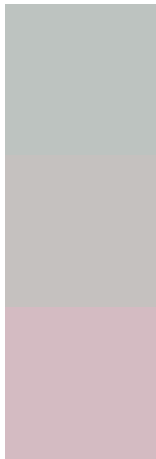


This preview shows how white text looks on a background with the XYZ color 50.0158, 53.6548,

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

50.0158, 53.6548, 57.5895

Protanopia

51.4999, 53.7718, 56.9549

Deuteranopia

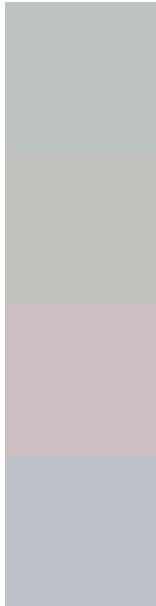
54.6593, 53.4327, 58.4716



Tritanopia

52.1934, 53.9005, 67.3275

Trichromacy



Original Color

50.0158, 53.6548, 57.5895

Protanomaly

50.9439, 53.8145, 56.9924

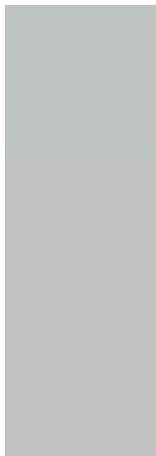
Deuteranomaly

52.9409, 53.5145, 57.9911

Tritanomaly

51.4383, 53.9242, 63.5744

Monochromacy



Original Color

50.0158, 53.6548, 57.5895

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.6557, 53.6403, 58.1358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0158, 53.6548, 57.5895 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, 195, 192) looks like.

```
.text, #text, p{  
    color:rgb(189, 195, 192)  
}
```

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, 195, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 195, 192) }
```

Border

The CSS property to change the border of an element to XYZ 50.0158, 53.6548, 57.5895 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, 195, 192) }
```


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

```
.border{ border-color:rgb(189, 195, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 195, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 195, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 195, 192);  
box-shadow:4px 4px 4px 4px rgb(189, 195,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0158, 53.6548, 57.5895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 195, 192) }
```

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

```
.background{ background-color: rgb(189,  
195, 192) }
```

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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