

Converting Colors

XYZ(50.0872, 53.5529, 57.8884)

Have a look what the booklet for
XYZ(50.0872, 53.5529, 57.8884)
contains.

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Color

**XYZ(50.1270, 53.6993,
58.1751)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC3C1
RGB	189, 195, 193
RGB Percent	74%, 76%, 76%
CMY	0.2588, 0.2353, 0.2431
CMYK	0.03, 0.00, 0.01, 0.24
HSL	160°, 5%, 75%
HSV	160°, 3%, 76%
XYZ	50.1270, 53.6993, 58.1751
YIQ	192.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

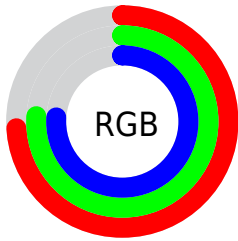
Format	Color
R_{YB}	189, 193, 195
Decimal	12436417
CIE Lab	78.29, -2.44, 0.27
CIE LCh	78, 2.452, 173.603
Yxy	53.6993, 0.3094, 0.3315
Android (android.graphics.Color)	4290626497 (0xFFBDC3C1)
YUV	192.9780, 0.0108, -3.4887
Hunter-Lab	73.2798, -6.1369, 4.2269

Details

The XYZ color **50.1270, 53.6993, 58.1751** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1092, 51.7602, 56.6425**, and the grayscale version is **50.6781, 53.3173, 58.0625**.

A 20% lighter version of the original color is **89.5655, 95.8728, 103.4072**, and **24.4118, 26.1774, 28.5771** is the 20% darker color. If you saturate the color by 10%, you get **44.9016, 51.0890, 54.2250**, and if you desaturate by 10%, it is **56.0378, 56.6622, 62.3263**.

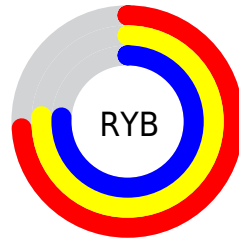
Distribution



Red (74%)

Green (76%)

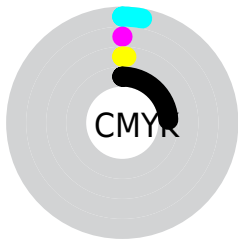
Blue (76%)



Red (74%)

Yellow (76%)

Blue (76%)

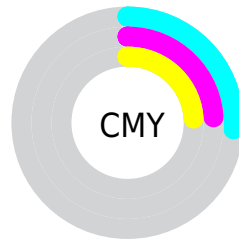


Cyan (3%)

Magenta (0%)

Yellow (1%)

Black (24%)



Cyan (26%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1270, 53.6993, 58.1751 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 50.1270, 53.6993, 58.1751 by changing the saturation by 10% instead.

■ 50.1270, 53.6993,
58.1751

■ 50.1270, 53.6993,
58.1751

377.6062,
400.9623, 435.4545

■ 35.7325, 38.3613,
41.5338

■ 89.5537, 95.6326,
103.6951

■ 24.3968, 26.2632,
28.4136

115.3167,
122.9967, 133.4109

■ 15.7546, 17.0207,
18.3959

145.5998,
155.1383, 168.3219

■ 9.4404, 10.2492,
11.0622

180.7685,
192.4417, 208.8467

■ 5.0889, 5.5645,
5.9940

221.1882,
235.2915, 255.4038

■ 2.3348, 2.5821,
2.7727

267.2241,

■ 0.8124, 0.9177,

284.0719, 308.4118

0.9798

319.2416,
339.1674, 368.2892

■ 0.0000, 0.0000,
0.0000

■ 50.1270, 53.6993,
58.1751

■ 50.1270, 53.6993,
58.1751

■ 44.9016, 51.0890,
54.2250

■ 56.0378, 56.6622,
62.3263

■ 40.3308, 48.8111,
50.4690

■ 62.6542, 59.9836,
66.6782

■ 36.3883, 46.8535,
46.9049

■ 70.0012, 63.6779,
71.2352

■ 33.0442, 45.2008,
43.5292

■ 73.5463, 65.4083,
75.7871

■ 30.2659, 43.8363,
40.3379

■ 74.4201, 65.7579,
80.3889

■ 28.0178, 42.7417,
37.3271

■ 75.3279, 66.1210,
85.1691

■ 26.2601, 41.8964,
34.4928

■ 76.2699, 66.4978,
90.1295

■ 24.9469, 41.2770,
31.8301

■ 77.2465, 66.8884,
95.2722

■ 24.0232, 40.8552,
29.3343

■ 78.2580, 67.2930,
100.5988

Harmonies

Analogous

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



50.2996, 53.6993, 56.9135



50.1270, 53.6993, 58.1751



50.1977, 53.6993, 59.5351

Triad

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



50.1270, 53.6993, 58.1751



51.4104, 53.6993, 60.9275



51.5897, 53.6993, 56.3655

Complementary

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



50.1270, 53.6993, 58.1751



50.1092, 51.7602, 56.6425

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.



51.8908, 53.6993, 57.4165



50.1270, 53.6993, 58.1751



51.7868, 53.6993, 60.0534

Square

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



50.1270, 53.6993, 58.1751



50.9367, 53.6993, 61.1383



51.9632, 53.6993, 58.7647



51.1426, 53.6993, 55.8793

Rectangle

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



50.1270, 53.6993, 58.1751



50.3735, 53.6993, 60.3131



51.9632, 53.6993, 58.7647



51.7115, 53.6993, 56.6637

Sweetspot

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



50.1285, 53.7016, 58.1763



91.8581, 97.2174, 105.6932



50.2132, 53.7961, 55.8820



20.1271, 21.2952, 23.1537



0.0000, 0.0000, 0.0000



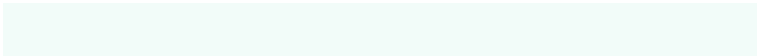
20.3446, 21.4041, 23.3091

Same Dimension

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



50.1285, 53.7016, 58.1763



88.8022, 95.6880, 103.4775



50.1524, 53.3893, 59.2944



10.7631, 11.6404, 12.5737



15.3399, 26.4300, 18.2147



0.6937, 1.1543, 0.9498

Inverse Universe

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



50.1092, 51.7602, 56.6425



88.7569, 91.1303, 99.8768



50.0845, 52.0613, 55.5539



10.7567, 11.0020, 12.0693



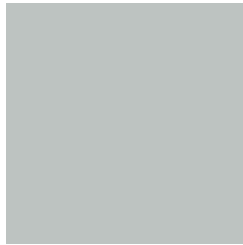
15.2842, 7.8034, 4.1425



0.6928, 0.3501, 0.3496

Previews

White Background



This preview shows how the XYZ color 50.1270, 53.6993, 58.1751 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 50.1270, 53.6993, 58.1751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

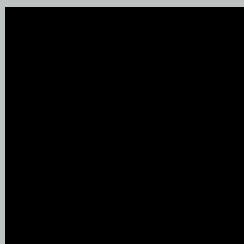
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

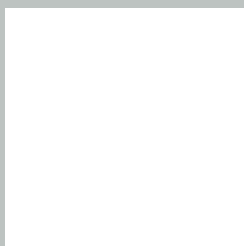
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1270, 53.6993, 58.1751

Background



This preview shows how black text looks on a background with the XYZ color 50.1270, 53.6993, 58.1751.

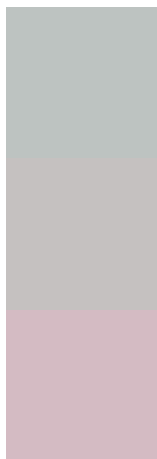


This preview shows how white text looks on a background with the XYZ color 50.1270, 53.6993,

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

50.1270, 53.6993, 58.1751

Protanopia

51.6103, 53.8160, 57.5365

Deuteranopia

54.7720, 53.4778, 59.0652



Tritanopia

51.9410, 53.7704, 67.3156

Trichromacy



Original Color

50.1270, 53.6993, 58.1751

Protanomaly

51.0543, 53.8587, 57.5741

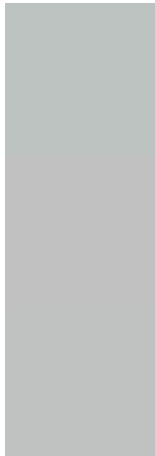
Deuteranomaly

53.0529, 53.5593, 58.5807

Tritanomaly

51.3065, 53.8425, 64.1884

Monochromacy



Original Color

50.1270, 53.6993, 58.1751

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 50.1270, 53.6993, 58.1751 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(189, 195, 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(189, 195, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 195, 193) }
```

Border

The CSS property to change the border of an element to XYZ 50.1270, 53.6993, 58.1751 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, 193) }
```


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

```
.border{ border-color:rgb(189, 195, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 195, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 195, 193);  
box-shadow:4px 4px 4px 4px rgb(189, 195,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1270, 53.6993, 58.1751 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, 193) }
```

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

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