

Converting Colors

XYZ(50.0980, 49.9153, 54.5711)

Have a look what the booklet for
XYZ(50.0980, 49.9153, 54.5711)
contains.

XYZ(50.0980, 49.9153, 54.5711)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.0980, 49.9153,
54.5711)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B7BC
RGB	201, 183, 188
RGB Percent	79%, 72%, 74%
CMY	0.2118, 0.2823, 0.2627
CMYK	0.00, 0.09, 0.06, 0.21
HSL	343°, 14%, 75%
HSV	343°, 9%, 79%
XYZ	50.0980, 49.9153, 54.5711
YIQ	188.9520, 9.1230, 5.3710

Conversions

Conversions Part 2

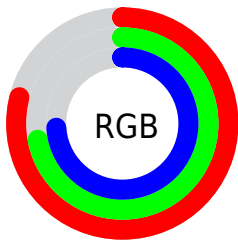
Format	Color
R _Y B	201, 183, 188
Decimal	13219772
CIE Lab	76.02, 7.26, -0.22
CIE LCh	76, 7.268, 358.301
Yxy	49.9153, 0.3241, 0.3229
Android (android.graphics.Color)	4291409852 (0xFFC9B7BC)
YUV	188.9520, -0.4693, 10.5661
Hunter-Lab	70.6508, 2.9344, 3.6596

Details

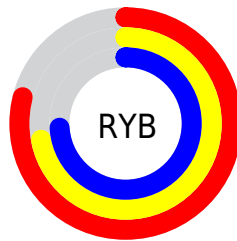
The XYZ color **50.0980, 49.9153, 54.5711** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3808, 55.8274, 60.3478**, and the grayscale version is **48.3425, 50.8600, 55.3866**.

A 20% lighter version of the original color is **88.4356, 89.5247, 98.2069**, and **24.3884, 23.9176, 26.2528** is the 20% darker color. If you saturate the color by 10%, you get **44.7575, 41.6140, 45.4533**, and if you desaturate by 10%, it is **56.1909, 59.4681, 64.7179**.

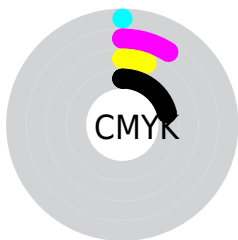
Distribution



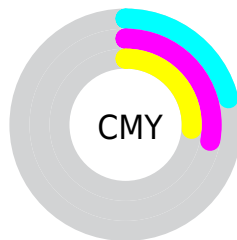
- Red (79%)
- Green (72%)
- Blue (74%)



- Red (79%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (21%)





- Cyan (21%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0980, 49.9153, 54.5711 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 50.0980, 49.9153, 54.5711 by changing the saturation by 10% instead.


 50.0980, 49.9153,
54.5711

 50.0980, 49.9153,
54.5711


377.4947,
386.3346, 421.5201

 35.7094, 35.3461,
38.6622


 89.5110, 90.0494,
98.3771

 24.3789, 23.9296,
26.1912


115.2661,
116.3830, 127.1112

 15.7412, 15.2814,
16.7397


145.5408,
147.4070, 160.9575

 9.4309, 9.0171,
9.8891

180.7003,
183.5056, 200.3345

 5.0826, 4.7524,
5.2208

221.1102,
225.0633, 245.6607

 2.3311, 2.1027,
2.3164

267.1356,

 0.8105, 0.6661,

272.4644, 297.3547

0.7404

319.1420,
326.0934, 355.8350

■ 0.0000, 0.0000,
0.0000

■ 50.0980, 49.9153,
54.5711

■ 50.0980, 49.9153,
54.5711

■ 44.7575, 41.6140,
45.4533

■ 56.1909, 59.4681,
64.7179

■ 40.1356, 34.5058,
37.3286

■ 63.0598, 70.3145,
75.9216

■ 36.2020, 28.5375,
30.1635

■ 70.7327, 82.5028,
88.2132

■ 32.9228, 23.6493,
23.9216

■ 76.4945, 90.5964,
100.7079

■ 30.2610, 19.7757,
18.5638

■ 77.8977, 91.1577,
108.0973

■ 28.1757, 16.8443,
14.0484

■ 26.6209, 14.7730,
10.3297

■ 25.5432, 13.4652,
7.3572

■ 24.8572, 12.7620,
5.0668

Harmonies

Analogous

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



49.6968, 49.9153, 58.3694



50.0980, 49.9153, 54.5711



49.7766, 49.9153, 50.8844

Triad

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



50.0980, 49.9153, 54.5711



46.2172, 49.9153, 48.0343



46.0857, 49.9153, 60.9553

Complementary

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



50.0980, 49.9153, 54.5711



50.3808, 55.8274, 60.3478

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.



45.1835, 49.9153, 57.9680



50.0980, 49.9153, 54.5711



45.2584, 49.9153, 50.5181

Square

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



50.0980, 49.9153, 54.5711



47.5204, 49.9153, 47.2198



44.8835, 49.9153, 54.1281



47.3657, 49.9153, 62.1625

Rectangle

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



50.0980, 49.9153, 54.5711



49.1992, 49.9153, 48.9609



44.8835, 49.9153, 54.1281



45.7291, 49.9153, 60.1192

Sweetspot

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



50.0994, 49.9175, 54.5722



91.7808, 94.8650, 103.4840



50.2167, 49.8087, 62.2264



19.4623, 20.0186, 21.8460



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.



50.0994, 49.9175, 54.5722



83.6529, 82.1538, 89.8471



50.3854, 51.3367, 52.0557



10.7529, 10.6845, 11.6819



15.6249, 7.9995, 3.2346



0.7714, 0.3914, 0.3195

Inverse Universe

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



50.0994, 49.9175, 54.5722



83.6529, 82.1538, 89.8471



50.0617, 54.2638, 63.0945



10.7529, 10.6845, 11.6819



15.6249, 7.9995, 3.2346



0.7714, 0.3914, 0.3195

Previews

White Background



This preview shows how the XYZ color 50.0980, 49.9153, 54.5711 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 50.0980, 49.9153, 54.5711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

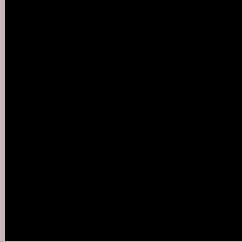
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0980, 49.9153, 54.5711

Background



This preview shows how black text looks on a background with the XYZ color 50.0980, 49.9153, 54.5711.



This preview shows how white text looks on a background with the XYZ color 50.0980, 49.9153,

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

50.0980, 49.9153, 54.5711

Protanopia

48.2998, 50.2055, 55.8602

Deuteranopia

50.9819, 50.0659, 54.5536



Tritanopia

51.0489, 49.9980, 59.1846

Trichromacy



Original Color

50.0980, 49.9153, 54.5711

Protanomaly

48.9923, 50.2613, 55.2633

Deuteranomaly

50.7069, 49.9241, 54.5407

Tritanomaly

50.7107, 49.8627, 57.4038

Monochromacy



Original Color

50.0980, 49.9153, 54.5711

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.9480, 50.5522, 55.3218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0980, 49.9153, 54.5711 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(201, 183, 188)` looks like.

```
.text, #text, p{  
    color:rgb(201, 183, 188)  
}
```

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(201, 183, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 183, 188) }
```

Border

The CSS property to change the border of an element to XYZ 50.0980, 49.9153, 54.5711 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(201, 183, 188) }
```


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

```
.border{ border-color:rgb(201, 183, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 183, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 183, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 183, 188);  
box-shadow:4px 4px 4px 4px rgb(201, 183,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0980, 49.9153, 54.5711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 183, 188) }
```

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

```
.background{ background-color: rgb(201,  
183, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor