

Converting Colors

XYZ(50.9276, 54.2646, 50.4393)

Have a look what the booklet for
XYZ(50.9276, 54.2646, 50.4393)
contains.

XYZ(50.9405, 54.2907, 50.4421)	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(50.9405, 54.2907,
50.4421)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C3B3
RGB	198, 195, 179
RGB Percent	78%, 76%, 70%
CMY	0.2235, 0.2353, 0.2980
CMYK	0.00, 0.02, 0.10, 0.22
HSL	51°, 14%, 74%
HSV	51°, 10%, 78%
XYZ	50.9405, 54.2907, 50.4421
YIQ	194.0730, 6.9240, -4.3400

Conversions

Conversions Part 2

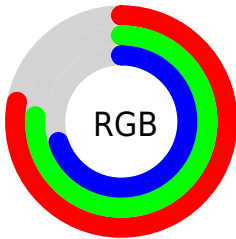
Format	Color
RYB	183, 198, 179
Decimal	13026227
CIELab	78.63, -1.75, 8.40
CIELCh	79, 8.583, 101.762
Yxy	54.2907, 0.3272, 0.3487
Android (android.graphics.Color)	4291216307 (0xFFC6C3B3)
YUV	194.0730, -7.4310, 3.4440
Hunter-Lab	73.6822, -5.5372, 10.9882

Details

The XYZ color **50.9405, 54.2907, 50.4421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5113, 47.1159, 60.1222**, and the grayscale version is **51.3624, 54.0372, 58.8465**.

A 20% lighter version of the original color is **91.0458, 96.8790, 92.4981**, and **24.7924, 26.4854, 23.5442** is the 20% darker color. If you saturate the color by 10%, you get **48.3884, 52.1640, 40.4109**, and if you desaturate by 10%, it is **53.7978, 56.5665, 61.9951**.

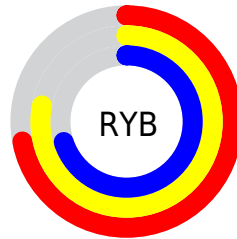
Distribution



Red (78%)

Green (76%)

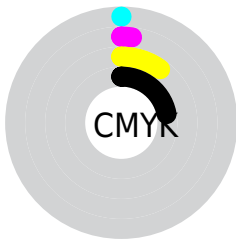
Blue (70%)



Red (72%)

Yellow (78%)

Blue (70%)

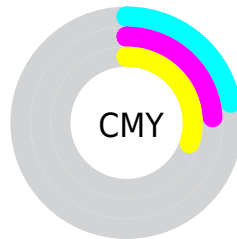


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9405, 54.2907, 50.4421 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 50.9405, 54.2907, 50.4421 by changing the saturation by 10% instead.

■ 50.9405, 54.2907,
50.4421

■ 50.9405, 54.2907,
50.4421

380.7240,
403.2176, 405.1768

■ 36.3821, 38.8341,
35.3912

■ 90.7503, 96.5009,
92.2326

■ 24.9009, 26.6307,
23.6784

116.7325,
124.0234, 119.8093

■ 16.1316, 17.2961,
14.8852

147.2533,
156.3366, 152.3982

■ 9.7088, 10.4458,
8.5932

182.6780,
193.8249, 190.4181

■ 5.2671, 5.6955,
4.3836

223.3721,
236.8728, 234.2873

■ 2.4412, 2.6608,
1.8381

269.7009,

■ 0.8657, 0.9573,

285.8646, 284.4245

0.4529

322.0298,
341.1847, 341.2481

■ 0.0000, 0.0000,
0.0000

■ 50.9405, 54.2907,
50.4421

■ 50.9405, 54.2907,
50.4421

■ 48.3884, 52.1640,
40.4109

■ 53.7978, 56.5665,
61.9951

■ 46.1247, 50.1741,
31.8336

■ 56.9675, 58.9890,
75.1267

■ 44.1378, 48.3181,
24.6427

■ 60.4619, 61.5650,
89.8952

■ 42.4135, 46.5901,
18.7635

■ 63.7715, 64.0909,
103.6174

■ 40.9362, 44.9837,
14.1148

■ 64.5377, 65.6235,
103.8728

■ 39.6887, 43.4919,
10.6058

■ 65.3191, 67.1862,
104.1333

■ 38.6512, 42.1067,
8.1337

■ 66.1156, 68.7792,
104.3988

■ 37.8007, 40.8187,
6.5767

■ 66.9273, 70.4026,
104.6694

■ 37.0949, 39.6108,
5.7135

■ 67.7543, 72.0567,
104.9450

Harmonies

Analogous

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



52.6279, 54.2907, 50.6879



50.9405, 54.2907, 50.4421



49.4623, 54.2907, 52.4238

Triad

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



50.9405, 54.2907, 50.4421



49.2097, 54.2907, 65.5473



54.7579, 54.2907, 62.0815

Complementary

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



50.9405, 54.2907, 50.4421



45.5113, 47.1159, 60.1222

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.



53.8019, 54.2907, 66.3490



50.9405, 54.2907, 50.4421



50.5889, 54.2907, 68.4242

Square

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



50.9405, 54.2907, 50.4421



48.4778, 54.2907, 61.0355



52.2686, 54.2907, 68.7254



54.8570, 54.2907, 57.2319

Rectangle

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



50.9405, 54.2907, 50.4421



48.7847, 54.2907, 54.8082



52.2686, 54.2907, 68.7254



54.5251, 54.2907, 63.6383

Sweetspot

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



50.9420, 54.2931, 50.4433



93.4590, 98.7498, 102.4139



47.8702, 47.6310, 51.0177



19.9149, 21.0659, 21.5591



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.



50.9420, 54.2931, 50.4433



88.9889, 95.1436, 84.4801



49.9853, 54.8064, 50.5928



11.3760, 12.1211, 11.3028



24.1574, 25.8319, 3.7128



1.1832, 1.3018, 0.1889

Inverse Universe

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



45.5113, 47.1159, 60.1222



76.9962, 79.2945, 105.8550



46.4019, 46.6740, 59.9899



10.1895, 10.5531, 13.4174



6.9923, 3.3786, 35.0279



0.3750, 0.2477, 1.6732

Previews

White Background



This preview shows how the XYZ color 50.9405, 54.2907, 50.4421 looks on a white background.

Color Contrast Check

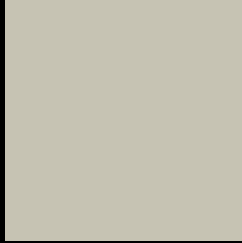
Large Text (above 18pt) WCAG AA × Fail

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 50.9405, 54.2907, 50.4421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

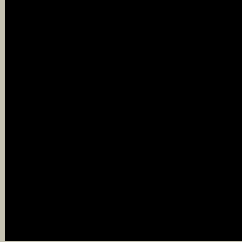
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

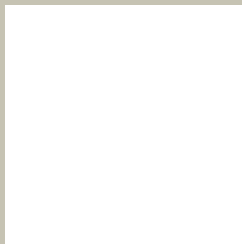
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9405, 54.2907, 50.4421

Background



This preview shows how black text looks on a background with the XYZ color 50.9405, 54.2907, 50.4421.



This preview shows how white text looks on a background with the XYZ color 50.9405, 54.2907,

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

50.9405, 54.2907, 50.4421

Protanopia

51.6848, 54.3545, 49.8869

Deuteranopia

55.4349, 54.3218, 50.7434



Tritanopia

54.1285, 54.2744, 66.0156

Trichromacy



Original Color

50.9405, 54.2907, 50.4421

Protanomaly

51.4151, 54.2154, 49.8742

Deuteranomaly

53.7330, 54.4058, 50.8493

Tritanomaly

52.9008, 54.1023, 59.8792

Monochromacy



Original Color

50.9405, 54.2907, 50.4421

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.9828, 53.8598, 55.8530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9405, 54.2907, 50.4421 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(198, 195, 179)` looks like.

```
.text, #text, p{  
    color:rgb(198, 195, 179)  
}
```

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(198, 195, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 195, 179) }
```

Border

The CSS property to change the border of an element to XYZ 50.9405, 54.2907, 50.4421 is called "border". The border property can be set on classes, ids or directly on the HTML element.

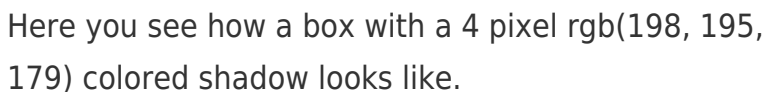
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 195, 179) }
```


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

```
.border{ border-color:rgb(198, 195, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 195, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 195, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 195, 179);  
box-shadow:4px 4px 4px 4px rgb(198, 195,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9405, 54.2907, 50.4421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 195, 179) }
```

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

```
.background{ background-color: rgb(198,  
195, 179) }
```

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