

Converting Colors

XYZ(49.4164, 52.4684, 54.6979)

Have a look what the booklet for
XYZ(49.4164, 52.4684, 54.6979)
contains.

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Color

**XYZ(49.3051, 52.3635,
54.5222)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC0BB
RGB	191, 192, 187
RGB Percent	75%, 75%, 73%
CMY	0.2510, 0.2470, 0.2667
CMYK	0.01, 0.00, 0.03, 0.25
HSL	72°, 4%, 74%
HSV	72°, 3%, 75%
XYZ	49.3051, 52.3635, 54.5222
YIQ	191.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

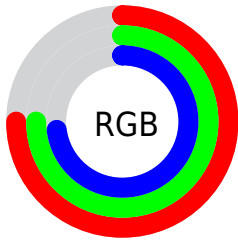
Format	Color
RYB	187, 192, 188
Decimal	12566715
CIELab	77.50, -1.26, 2.38
CIELCh	77, 2.696, 117.827
Yxy	52.3635, 0.3157, 0.3353
Android (android.graphics.Color)	4290756795 (0xFFBFC0BB)
YUV	191.1310, -2.0366, -0.1149
Hunter-Lab	72.3626, -5.0116, 5.9813

Details

The XYZ color **49.3051, 52.3635, 54.5222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0259, 50.0392, 56.9992**, and the grayscale version is **49.6095, 52.1931, 56.8382**.

A 20% lighter version of the original color is **88.1028, 93.3800, 98.1746**, and **24.0169, 25.5897, 26.2277** is the 20% darker color. If you saturate the color by 10%, you get **46.4301, 51.1047, 44.3657**, and if you desaturate by 10%, it is **52.4835, 53.7499, 66.1297**.

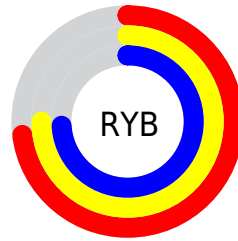
Distribution



Red (75%)

Green (75%)

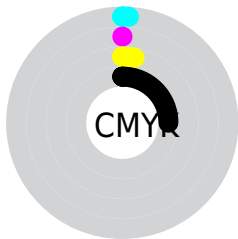
Blue (73%)



Red (73%)

Yellow (75%)

Blue (74%)

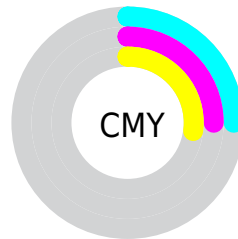


Cyan (1%)

Magenta (0%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3051, 52.3635, 54.5222 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 49.3051, 52.3635, 54.5222 by changing the saturation by 10% instead.

■ 49.3051, 52.3635,
54.5222

■ 49.3051, 52.3635,
54.5222

374.4393,
395.8383, 421.3290

■ 35.0771, 37.2949,
38.6233

■ 88.3424, 93.6671,
98.3047

■ 23.8891, 25.4359,
26.1612

113.8825,
120.6709, 127.0253

■ 15.3756, 16.4021,
16.7174

143.9239,
152.4219, 160.8570

■ 9.1715, 9.8091,
9.8734

178.8320,
189.3044, 200.2181

■ 4.9112, 5.2726,
5.2106

218.9723,
231.7029, 245.5274

■ 2.2295, 2.4081,
2.3105

264.7100,

■ 0.7582, 0.8300,

280.0018, 297.2032

0.7371

316.4106,
334.5855, 355.6643

■ 0.0000, 0.0000,
0.0000

■ 49.3051, 52.3635,
54.5222

■ 49.3051, 52.3635,
54.5222

■ 46.4301, 51.1047,
44.3657

■ 52.4835, 53.7499,
66.1297

■ 43.8429, 49.9623,
35.5997

■ 55.9711, 55.2613,
79.2388

■ 41.5333, 48.9339,
28.1647

■ 59.7795, 56.9040,
93.9015

■ 39.4888, 48.0143,
21.9953

■ 62.4678, 58.1017,
102.5301

■ 37.6956, 47.1981,
17.0207

■ 63.5531, 58.6612,
102.5809

■ 36.1389, 46.4794,
13.1632

■ 64.6649, 59.2343,
102.6329

■ 34.8018, 45.8513,
10.3358

■ 65.8033, 59.8212,
102.6862

■ 33.6653, 45.3062,
8.4388

■ 66.9684, 60.4218,
102.7407

■ 32.7065, 44.8350,
7.3527

■ 68.1605, 61.0364,
102.7965

Harmonies

Analogous

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



49.8078, 52.3635, 54.2037



49.3051, 52.3635, 54.5222



48.9292, 52.3635, 55.5052

Triad

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



49.3051, 52.3635, 54.5222



49.2399, 52.3635, 59.4709



50.7748, 52.3635, 57.1235

Complementary

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



49.3051, 52.3635, 54.5222



48.0259, 50.0392, 56.9992

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.



50.6203, 52.3635, 58.5519



49.3051, 52.3635, 54.5222



49.7321, 52.3635, 59.9217

Square

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



49.3051, 52.3635, 54.5222



48.8918, 52.3635, 58.3608



50.2377, 52.3635, 59.5825



50.6586, 52.3635, 55.6899

Rectangle

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



49.3051, 52.3635, 54.5222



48.7999, 52.3635, 56.4138



50.2377, 52.3635, 59.5825



50.7528, 52.3635, 57.6203

Sweetspot

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



49.3066, 52.3658, 54.5233



90.2142, 95.2623, 101.9532



48.6929, 50.7623, 54.2462



19.3601, 20.4396, 21.8945



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



49.3066, 52.3658, 54.5233



89.0941, 94.7731, 97.9194



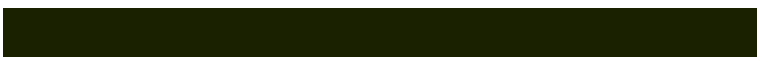
48.6835, 52.0445, 54.4942



11.0791, 11.8151, 12.0581



21.6495, 29.9896, 4.6475



0.9869, 1.3223, 0.2032

Inverse Universe

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



48.0259, 50.0392, 56.9992



86.3878, 89.8567, 103.1512



48.6468, 50.3593, 57.0283



10.6652, 11.0633, 12.8581



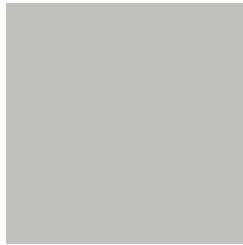
7.0050, 2.8716, 33.7417



0.3599, 0.1536, 1.4606

Previews

White Background



This preview shows how the XYZ color 49.3051, 52.3635, 54.5222 looks on a white background.

Color Contrast Check

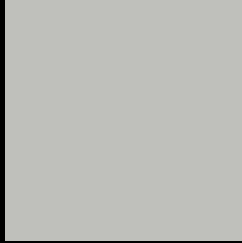
Large Text (above 18pt) WCAG AA × Fail

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 49.3051, 52.3635, 54.5222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

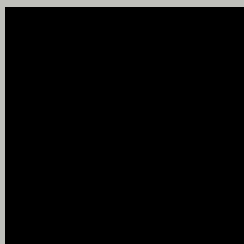
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

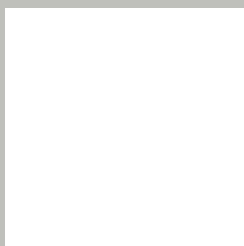
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.3051, 52.3635, 54.5222

Background



This preview shows how black text looks on a background with the XYZ color 49.3051, 52.3635, 54.5222.



This preview shows how white text looks on a background with the XYZ color 49.3051, 52.3635,

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

49.3051, 52.3635, 54.5222

Protanopia

50.2587, 52.5425, 53.9472

Deuteranopia

53.2900, 52.1776, 54.8396



Tritanopia

51.3448, 52.2242, 64.5008

Trichromacy



Original Color

49.3051, 52.3635, 54.5222

Protanomaly

49.7419, 52.2761, 53.9230

Deuteranomaly

51.9622, 52.4346, 54.9592

Tritanomaly

50.5988, 52.2416, 60.8429

Monochromacy



Original Color

49.3051, 52.3635, 54.5222

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.4109, 52.0557, 56.1587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3051, 52.3635, 54.5222 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(191, 192, 187)` looks like.

```
.text, #text, p{  
    color:rgb(191, 192, 187)  
}
```

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(191, 192, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 192, 187) }
```

Border

The CSS property to change the border of an element to XYZ 49.3051, 52.3635, 54.5222 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(191, 192, 187) }
```


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

```
.border{ border-color:rgb(191, 192, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 192, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 192, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 192, 187); box-shadow:4px 4px 4px 4px rgb(191, 192, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3051, 52.3635, 54.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 192, 187) }
```

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

```
.background{ background-color: rgb(191,  
192, 187) }
```

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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