

Converting Colors

XYZ(45.9045, 49.5294, 54.9407)

Have a look what the booklet for
XYZ(45.9045, 49.5294, 54.9407)
contains.

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Color

**XYZ(45.8651, 49.6097,
54.7352)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BDBC
RGB	179, 189, 188
RGB Percent	70%, 74%, 74%
CMY	0.2980, 0.2588, 0.2627
CMYK	0.05, 0.00, 0.01, 0.26
HSL	174°, 7%, 72%
HSV	174°, 5%, 74%
XYZ	45.8651, 49.6097, 54.7352
YIQ	185.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

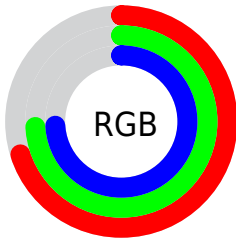
Format	Color
RYB	179, 184, 189
Decimal	11779516
CIELab	75.83, -3.64, -0.70
CIELCh	76, 3.702, 190.884
Yxy	49.6097, 0.3053, 0.3303
Android (android.graphics.Color)	4289969596 (0xFFB3BDBC)
YUV	185.8960, 1.0373, -6.0478
Hunter-Lab	70.4342, -7.0247, 3.2290

Details

The XYZ color **45.8651, 49.6097, 54.7352** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.3464, 46.3556, 49.7399**, and the grayscale version is **46.6117, 49.0391, 53.4036**.

A 20% lighter version of the original color is **83.2425, 89.4986, 98.4756**, and **21.7815, 23.7932, 26.3662** is the 20% darker color. If you saturate the color by 10%, you get **41.5902, 47.4307, 53.4766**, and if you desaturate by 10%, it is **50.7443, 52.1026, 56.0382**.

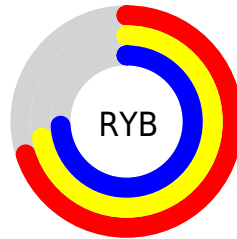
Distribution



Red (70%)

Green (74%)

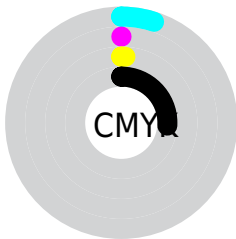
Blue (74%)



Red (70%)

Yellow (72%)

Blue (74%)

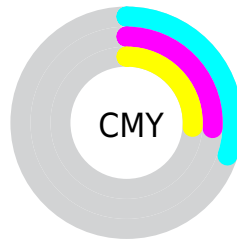


Cyan (5%)

Magenta (0%)

Yellow (1%)

Black (26%)



Cyan (30%)

Magenta (26%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.8651, 49.6097, 54.7352 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 45.8651, 49.6097, 54.7352 by changing the saturation by 10% instead.

■ 45.8651, 49.6097,
54.7352

■ 45.8651, 49.6097,
54.7352

360.9911,
385.1377, 422.1610

■ 32.3436, 35.1034,
38.7926

■ 83.2462, 89.5963,
98.6201

■ 21.7809, 23.7425,
26.2918

107.8364,
115.8454, 127.3995

■ 13.8117, 15.1427,
16.8144

136.8469,
146.7775, 161.2949

■ 8.0706, 8.9196,
9.9417

170.6431,
182.7771, 200.7249

■ 4.1924, 4.6888,
5.2552

209.5902,
224.2285, 246.1079

■ 1.8115, 2.0658,
2.3364

254.0537,

■ 0.5246, 0.6453,

271.5161, 297.8626

0.7515

304.3989,
325.0244, 356.4074

■ 0.0000, 0.0000,
0.0000

■ 45.8651, 49.6097,
54.7352

■ 45.8651, 49.6097,
54.7352

■ 41.5902, 47.4307,
53.4766

■ 50.7443, 52.1026,
56.0382

■ 37.8910, 45.5469,
52.2578

■ 56.2464, 54.9150,
57.3833

■ 34.7433, 43.9470,
51.0788

■ 62.3944, 58.0600,
58.7728

■ 32.1192, 42.6168,
49.9381

■ 69.2090, 61.5484,
60.2077

■ 29.9883, 41.5405,
48.8343

■ 69.5713, 61.7101,
61.3548

■ 28.3174, 40.7010,
47.7657

■ 69.7906, 61.7979,
62.5094

■ 27.0688, 40.0790,
46.7306

■ 70.0126, 61.8867,
63.6786

■ 26.1993, 39.6520,
45.7269

■ 70.2374, 61.9766,
64.8622

■ 25.6553, 39.3926,
44.7520

■ 70.4649, 62.0676,
66.0604

Harmonies

Analogous

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



45.9134, 49.6097, 52.7851



45.8651, 49.6097, 54.7352



46.1593, 49.6097, 56.5349

Triad

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



45.8651, 49.6097, 54.7352



48.0239, 49.6097, 56.9324



47.5872, 49.6097, 50.5147

Complementary

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



45.8651, 49.6097, 54.7352



45.3464, 46.3556, 49.7399

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.



48.1600, 49.6097, 51.5741



45.8651, 49.6097, 54.7352



48.4138, 49.6097, 55.2670

Square

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



45.8651, 49.6097, 54.7352



47.4028, 49.6097, 57.8238



48.4638, 49.6097, 53.3042



46.9031, 49.6097, 50.3801

Rectangle

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



45.8651, 49.6097, 54.7352



46.5116, 49.6097, 57.3951



48.4638, 49.6097, 53.3042



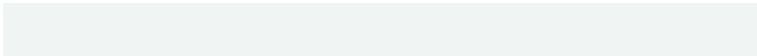
47.7993, 49.6097, 50.7732

Sweetspot

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



45.8665, 49.6118, 54.7363



84.8706, 90.2428, 98.7796



45.1970, 49.3753, 49.7969



18.2703, 19.4161, 21.2473



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



45.8665, 49.6118, 54.7363



81.4882, 88.5163, 97.8438



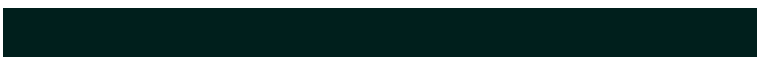
45.1611, 48.0272, 55.0365



10.0407, 10.9327, 12.0974



17.1450, 26.4483, 29.8901



0.6836, 1.0408, 1.2343

Inverse Universe

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



45.3464, 46.3556, 49.7399



80.4210, 81.8351, 87.5922



46.0238, 47.8734, 49.4634



9.8993, 10.0473, 10.7389



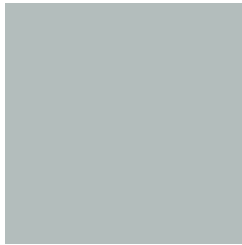
14.2127, 7.3162, 1.1475



0.5699, 0.2919, 0.1144

Previews

White Background



This preview shows how the XYZ color 45.8651, 49.6097, 54.7352 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 45.8651, 49.6097, 54.7352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

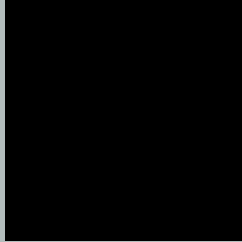
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

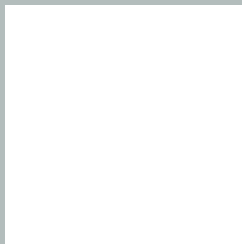
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.8651, 49.6097, 54.7352

Background



This preview shows how black text looks on a background with the XYZ color 45.8651, 49.6097, 54.7352.

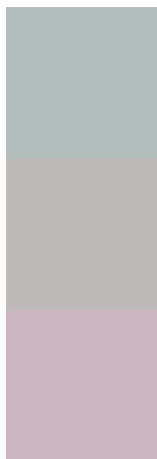


This preview shows how white text looks on a background with the XYZ color 45.8651, 49.6097,

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

45.8651, 49.6097, 54.7352

Protanopia

47.6570, 49.6101, 53.5183

Deuteranopia

50.4467, 49.4620, 55.6035



Tritanopia

47.4870, 49.6287, 62.9536

Trichromacy



Original Color

45.8651, 49.6097, 54.7352

Protanomaly

46.9897, 49.5676, 54.1046

Deuteranomaly

48.5739, 49.4244, 55.1239

Tritanomaly

46.8837, 49.7010, 59.9455

Monochromacy



Original Color

45.8651, 49.6097, 54.7352

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.2684, 49.1958, 54.0708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8651, 49.6097, 54.7352 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(179, 189, 188)` looks like.

```
.text, #text, p{  
    color:rgb(179, 189, 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(179, 189, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 189, 188) }
```

Border

The CSS property to change the border of an element to XYZ 45.8651, 49.6097, 54.7352 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(179, 189, 188) }
```


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

```
.border{ border-color:rgb(179, 189, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 189, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 189, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 189, 188);  
box-shadow:4px 4px 4px 4px rgb(179, 189,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8651, 49.6097, 54.7352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 189, 188) }
```

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

```
.background{ background-color: rgb(179,  
189, 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](#).

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