

Converting Colors

XYZ(45.7886, 48.5958, 54.2771)

Have a look what the booklet for
XYZ(45.7886, 48.5958, 54.2771)
contains.

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Color

**XYZ(45.9274, 48.6937,
54.5551)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BABC
RGB	182, 186, 188
RGB Percent	71%, 73%, 74%
CMY	0.2863, 0.2706, 0.2627
CMYK	0.03, 0.01, 0.00, 0.26
HSL	200°, 4%, 73%
HSV	200°, 3%, 74%
XYZ	45.9274, 48.6937, 54.5551
YIQ	185.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

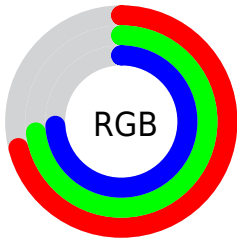
Format	Color
R_{YB}	182, 184, 188
Decimal	11975356
CIE _{Lab}	75.26, -1.01, -1.50
CIE _{LCh}	75, 1.811, 236.215
Yxy	48.6937, 0.3079, 0.3264
Android (android.graphics.Color)	4290165436 (0xFFB6BABC)
YUV	185.0320, 1.4632, -2.6591
Hunter-Lab	69.7809, -4.6339, 2.4933

Details

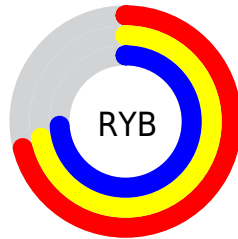
The XYZ color **45.9274, 48.6937, 54.5551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.3231, 48.3493, 51.1476**, and the grayscale version is **46.1264, 48.5285, 52.8476**.

A 20% lighter version of the original color is **83.3412, 88.2131, 98.2222**, and **21.8140, 23.1915, 26.2483** is the 20% darker color. If you saturate the color by 10%, you get **40.4930, 43.9792, 53.9323**, and if you desaturate by 10%, it is **52.0184, 53.8352, 55.2272**.

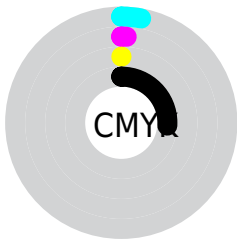
Distribution



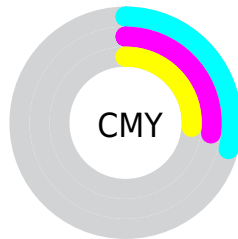
- Red (71%)
- Green (73%)
- Blue (74%)



- Red (71%)
- Yellow (72%)
- Blue (74%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



- Cyan (29%)
- Magenta (27%)
- Yellow (26%)
- Black (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.9274, 48.6937, 54.5551 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 45.9274, 48.6937, 54.5551 by changing the saturation by 10% instead.

■ 45.9274, 48.6937,
54.5551

■ 45.9274, 48.6937,
54.5551

361.2375,
381.5352, 421.4576

■ 32.3929, 34.3766,
38.6494

■ 83.3389, 88.2364,
98.3534

■ 21.8188, 23.1830,
26.1814

107.9466,
114.2307, 127.0831

■ 13.8397, 14.7287,
16.7324

136.9760,
144.8862, 160.9246

■ 8.0902, 8.6292,
9.8840

170.7926,
180.5873, 200.2964

■ 4.2050, 4.5001,
5.2175

209.7617,
221.7183, 245.6171

■ 1.8188, 1.9571,
2.3145

254.2487,

■ 0.5289, 0.5824,

268.6637, 297.3051

0.7393

304.6188,
321.8079, 355.7791

■ 0.0000, 0.0000,
0.0000

■ 45.9274, 48.6937,
54.5551

■ 45.9274, 48.6937,
54.5551

■ 40.4930, 43.9792,
53.9323

■ 52.0184, 53.8352,
55.2272

■ 35.6867, 39.6717,
53.3542

■ 58.7849, 59.4103,
55.9467

■ 31.4840, 35.7589,
52.8204

■ 66.2500, 65.4333,
56.7158

■ 27.8573, 32.2254,
52.3295

■ 73.6198, 71.4961,
57.4976

■ 24.7762, 29.0545,
51.8799

■ 75.2051, 74.6666,
58.0260

■ 22.2080, 26.2280,
51.4697

■ 76.8516, 77.9596,
58.5748

■ 20.1157, 23.7258,
51.0970

■ 78.5599, 81.3763,
59.1443

■ 18.4571, 21.5247,
50.7595

■ 80.3307, 84.9179,
59.7346

■ 17.1816, 19.5975,
50.4548

■ 82.1647, 88.5858,
60.3459

Harmonies

Analogous

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



45.7109, 48.6937, 53.8319



45.9274, 48.6937, 54.5551



46.2397, 48.6937, 54.8667

Triad

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



45.9274, 48.6937, 54.5551



46.9226, 48.6937, 53.1401



46.0001, 48.6937, 51.3939

Complementary

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



45.9274, 48.6937, 54.5551



46.3231, 48.3493, 51.1476

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.



46.3241, 48.6937, 51.2136



45.9274, 48.6937, 54.5551



46.8577, 48.6937, 52.2147

Square

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



45.9274, 48.6937, 54.5551



46.8151, 48.6937, 54.0436



46.6382, 48.6937, 51.5123



45.7527, 48.6937, 52.0078

Rectangle

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



45.9274, 48.6937, 54.5551



46.4606, 48.6937, 54.7963



46.6382, 48.6937, 51.5123



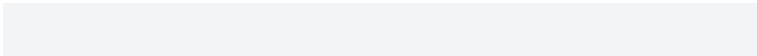
46.1037, 48.6937, 51.2809

Sweetspot

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



45.9288, 48.6958, 54.5562



85.5360, 90.2124, 99.1307



45.9166, 49.3688, 52.4023



18.4062, 19.4100, 21.3190



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.



45.9288, 48.6958, 54.5562



82.3301, 87.4752, 98.7713



45.3234, 47.4850, 54.3544



10.1120, 10.7598, 12.2161



11.2807, 12.6731, 34.2445



0.4996, 0.6119, 1.3606

Inverse Universe

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



46.3310, 47.6934, 53.2206



83.2552, 85.1810, 95.6969



46.9324, 49.5678, 51.3507



10.2434, 10.4351, 11.7792



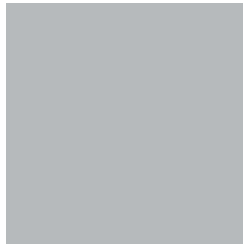
16.6947, 8.3090, 14.2180



0.6831, 0.3371, 0.7104

Previews

White Background



This preview shows how the XYZ color 45.9274, 48.6937, 54.5551 looks on a white background.

Color Contrast Check

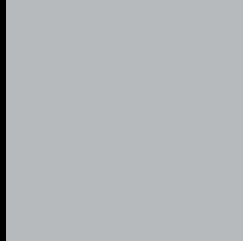
Large Text (above 18pt) WCAG AA × Fail

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 45.9274, 48.6937, 54.5551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

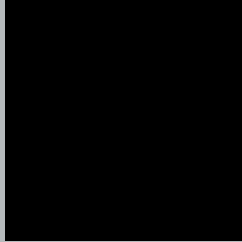
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.9274, 48.6937, 54.5551

Background



This preview shows how black text looks on a background with the XYZ color 45.9274, 48.6937, 54.5551.

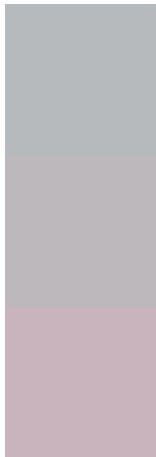


This preview shows how white text looks on a background with the XYZ color 45.9274, 48.6937,

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

45.9274, 48.6937, 54.5551

Protanopia

46.8492, 48.5602, 53.9175

Deuteranopia

49.3928, 48.3318, 54.8698



Tritanopia

47.2165, 48.5948, 60.9240

Trichromacy



Original Color

45.9274, 48.6937, 54.5551

Protanomaly

46.5683, 48.7249, 53.9641

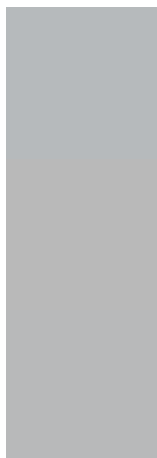
Deuteranomaly

48.1614, 48.5994, 54.9863

Tritanomaly

46.7277, 48.7053, 58.5680

Monochromacy



Original Color

45.9274, 48.6937, 54.5551

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.9791, 48.4334, 53.3796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9274, 48.6937, 54.5551 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(182, 186, 188)` looks like.

```
.text, #text, p{  
    color:rgb(182, 186, 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(182, 186, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 186, 188) }
```

Border

The CSS property to change the border of an element to XYZ 45.9274, 48.6937, 54.5551 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(182, 186, 188) }
```


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

```
.border{ border-color:rgb(182, 186, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 186, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 186, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 186, 188);  
box-shadow:4px 4px 4px 4px rgb(182, 186,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9274, 48.6937, 54.5551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 186, 188) }
```

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

```
.background{ background-color: rgb(182,  
186, 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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