

Converting Colors

XYZ(45.3001, 47.6664, 52.4917)

Have a look what the booklet for
XYZ(45.3001, 47.6664, 52.4917)
contains.

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Color

**XYZ(45.4259, 47.8510,
52.7409)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B8B9
RGB	183, 184, 185
RGB Percent	72%, 72%, 73%
CMY	0.2823, 0.2784, 0.2745
CMYK	0.01, 0.01, 0.00, 0.27
HSL	210°, 1%, 72%
HSV	210°, 1%, 73%
XYZ	45.4259, 47.8510, 52.7409
YIQ	183.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

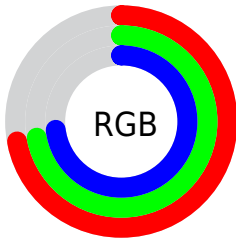
Format	Color
R _Y B	183, 184, 185
Decimal	12040377
CIE Lab	74.73, -0.16, -0.64
CIE LCh	75, 0.656, 256.089
Yxy	47.8510, 0.3111, 0.3277
Android (android.graphics.Color)	4290230457 (0xFFB7B8B9)
YUV	183.8150, 0.5842, -0.7148
Hunter-Lab	69.1744, -3.8367, 3.2174

Details

The XYZ color **45.4259, 47.8510, 52.7409** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6955, 48.0138, 51.6597**, and the grayscale version is **45.4563, 47.8235, 52.0798**.

A 20% lighter version of the original color is **82.6339, 87.0218, 95.6607**, and **21.4871, 22.6444, 25.0681** is the 20% darker color. If you saturate the color by 10%, you get **39.4580, 42.0235, 51.9313**, and if you desaturate by 10%, it is **52.0999, 54.2306, 53.6213**.

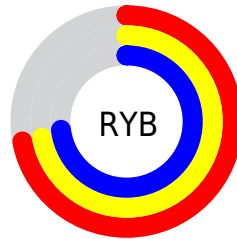
Distribution



Red (72%)

Green (72%)

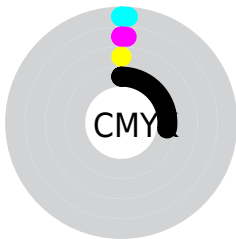
Blue (73%)



Red (72%)

Yellow (72%)

Blue (73%)

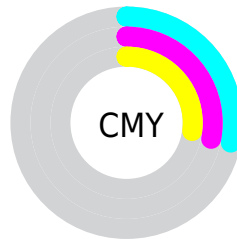


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (27%)



Cyan (28%)

Magenta (28%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4259, 47.8510, 52.7409 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 45.4259, 47.8510, 52.7409 by changing the saturation by 10% instead.

■ 45.4259, 47.8510,
52.7409

■ 45.4259, 47.8510,
52.7409

359.2505,
378.2012, 414.3283

■ 31.9957, 33.7089,
37.2097

■ 82.5923, 86.9825,
95.6607

■ 21.5138, 22.6701,
25.0728

107.0592,
112.7407, 123.8863

■ 13.6147, 14.3501,
15.9118

135.9358,
143.1398, 157.1805

■ 7.9331, 8.3645,
9.3081

169.5873,
178.5640, 195.9617

■ 4.1036, 4.3291,
4.8431

208.3792,
219.3979, 240.6486

■ 1.7609, 1.8593,
2.0984

252.6768,

■ 0.4939, 0.5237,

266.0258, 291.6596

0.6148

302.8454,
318.8321, 349.4133

■ 0.0000, 0.0000,
0.0000

■ 45.4259, 47.8510,
52.7409

■ 45.4259, 47.8510,
52.7409

■ 39.4580, 42.0235,
51.9313

■ 52.0999, 54.2306,
53.6213

■ 34.1673, 36.7258,
51.1876

■ 59.4993, 61.1718,
54.5710

■ 29.5289, 31.9427,
50.5089

■ 67.6479, 68.6913,
55.5930

■ 25.5148, 27.6560,
49.8930

■ 75.8266, 76.4218,
56.6540

■ 22.0948, 23.8464,
49.3379

■ 78.3276, 81.4239,
57.4877

■ 19.2357, 20.4927,
48.8413

■ 80.9646, 86.6978,
58.3667

■ 16.9011, 17.5721,
48.4006

■ 83.7394, 92.2474,
59.2916

■ 15.0496, 15.0590,
48.0131

■ 85.7571, 96.2828,
59.9642

■ 13.6325, 12.9236,
47.6757

Harmonies

Analogous

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



45.3223, 47.8510, 52.5756



45.4259, 47.8510, 52.7409



45.5444, 47.8510, 52.7344

Triad

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



45.4259, 47.8510, 52.7409



45.7014, 47.8510, 51.9200



45.3161, 47.8510, 51.6480

Complementary

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



45.4259, 47.8510, 52.7409



45.6955, 48.0138, 51.6597

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.



45.4175, 47.8510, 51.4739



45.4259, 47.8510, 52.7409



45.6400, 47.8510, 51.6305

Square

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



45.4259, 47.8510, 52.7409



45.7036, 47.8510, 52.2595



45.5360, 47.8510, 51.4675



45.2590, 47.8510, 51.9441

Rectangle

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



45.4259, 47.8510, 52.7409



45.6160, 47.8510, 52.6335



45.5360, 47.8510, 51.4675



45.3462, 47.8510, 51.5733

Sweetspot

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



45.4273, 47.8531, 52.7419



82.5889, 86.8899, 94.6231



45.5264, 48.2253, 52.2388



17.8044, 18.7317, 20.3988



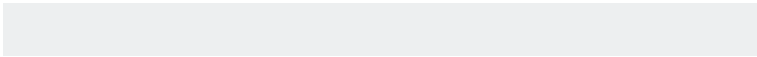
88.6918, 93.3107, 101.6153

Same Dimension

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



45.4273, 47.8531, 52.7419



81.4317, 85.7737, 94.4687



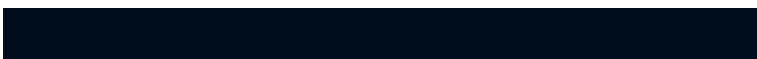
45.2266, 47.4516, 52.6750



9.9962, 10.5282, 11.5847



8.6871, 7.8338, 32.3073



0.3681, 0.3999, 1.1595

Inverse Universe

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



45.5939, 47.6429, 52.1427



81.7123, 85.4196, 93.4594



45.8976, 48.4179, 51.7271



10.0278, 10.4883, 11.4711



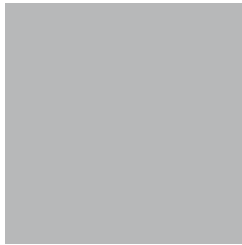
14.9985, 7.5732, 7.8789



0.5600, 0.2795, 0.4422

Previews

White Background



This preview shows how the XYZ color 45.4259, 47.8510, 52.7409 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 45.4259, 47.8510, 52.7409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

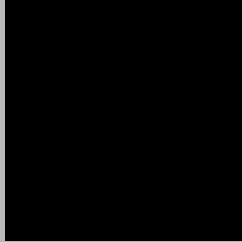
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

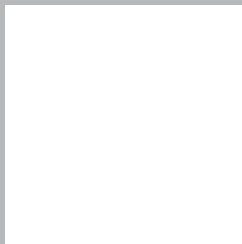
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.4259, 47.8510, 52.7409

Background



This preview shows how black text looks on a background with the XYZ color 45.4259, 47.8510, 52.7409.

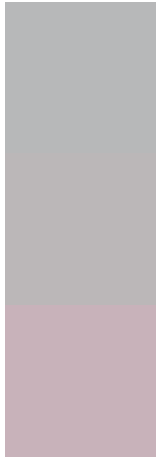


This preview shows how white text looks on a background with the XYZ color 45.4259, 47.8510,

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

45.4259, 47.8510, 52.7409

Protanopia

46.0787, 47.8925, 52.1630

Deuteranopia

48.6027, 47.6653, 53.0931



Tritanopia

46.8136, 47.8014, 59.5826

Trichromacy



Original Color

45.4259, 47.8510, 52.7409

Protanomaly

45.8349, 47.7668, 52.1515

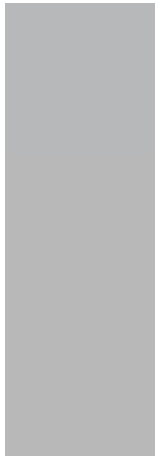
Deuteranomaly

47.4323, 47.6570, 53.1531

Tritanomaly

46.3263, 47.9076, 57.2575

Monochromacy



Original Color

45.4259, 47.8510, 52.7409

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.5594, 47.9320, 52.1980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4259, 47.8510, 52.7409 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(183, 184, 185) looks like.

```
.text, #text, p{  
    color:rgb(183, 184, 185)  
}
```

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(183, 184, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 184, 185) }
```

Border

The CSS property to change the border of an element to XYZ 45.4259, 47.8510, 52.7409 is called "border". The border property can be set on classes, ids or directly on the HTML element.

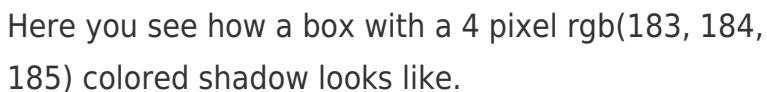
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 184, 185) }
```

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

```
.border{ border-color:rgb(183, 184, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 184, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 184, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 184, 185); box-shadow:4px 4px 4px 4px rgb(183, 184, 185) }
```


Background

The CSS property to change the background color of an element to XYZ 45.4259, 47.8510, 52.7409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 184, 185) }
```

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

```
.background{ background-color: rgb(183,  
184, 185) }
```

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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