

Converting Colors

XYZ(47.3840, 49.5159, 54.6430)

Have a look what the booklet for
XYZ(47.3840, 49.5159, 54.6430)
contains.

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Color

**XYZ(47.3750, 49.4400,
54.6229)**

Conversions

Conversions Part 1

Format	Color
Hex	BCBABC
RGB	188, 186, 188
RGB Percent	74%, 73%, 74%
CMY	0.2627, 0.2706, 0.2627
CMYK	0.00, 0.01, 0.00, 0.26
HSL	300°, 1%, 73%
HSV	300°, 1%, 74%
XYZ	47.3750, 49.4400, 54.6229
YIQ	186.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

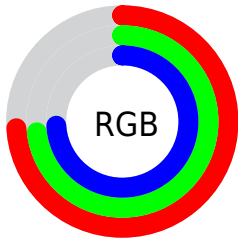
Format	Color
R _Y B	188, 186, 188
Decimal	12368572
CIE Lab	75.72, 1.07, -0.77
CIE LCh	76, 1.322, 324.311
Yxy	49.4400, 0.3128, 0.3265
Android (android.graphics.Color)	4290558652 (0xFFBCBABC)
YUV	186.8260, 0.5788, 1.0296
Hunter-Lab	70.3136, -2.7813, 3.1602

Details

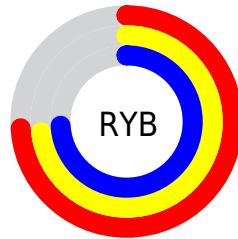
The XYZ color **47.3750, 49.4400, 54.6229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0978, 49.9521, 53.6163**, and the grayscale version is **47.1338, 49.5884, 54.0018**.

A 20% lighter version of the original color is **85.3895, 89.2690, 98.3181**, and **22.7524, 23.6752, 26.2923** is the 20% darker color. If you saturate the color by 10%, you get **43.6721, 42.0345, 53.3894**, and if you desaturate by 10%, it is **51.6018, 57.8920, 56.0323**.

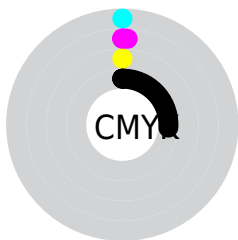
Distribution



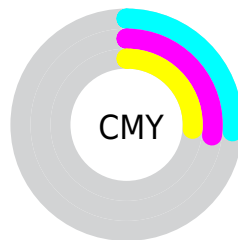
- Red (74%)
- Green (73%)
- Blue (74%)



- Red (74%)
- Yellow (73%)
- Blue (74%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3750, 49.4400, 54.6229 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 47.3750, 49.4400, 54.6229 by changing the saturation by 10% instead.

■ 47.3750, 49.4400,
54.6229

■ 47.3750, 49.4400,
54.6229

366.9334,
384.4719, 421.7225

■ 33.5414, 34.9686,
38.7033

■ 85.4885, 89.3446,
98.4538

■ 22.7027, 23.6387,
26.2230

110.4990,
115.5466, 127.2023

■ 14.4936, 15.0658,
16.7632

139.9659,
146.4277, 161.0641

■ 8.5488, 8.8656,
9.9057

174.2546,
182.3721, 200.4578

■ 4.5028, 4.6536,
5.2317

213.7303,
223.7644, 245.8019

■ 1.9903, 2.0455,
2.3227

258.7584,

■ 0.6285, 0.6337,

270.9889, 297.5151

0.7439

309.7043,
324.4299, 356.0157

■ 0.0000, 0.0000,
0.0000

■ 47.3750, 49.4400,
54.6229

■ 47.3750, 49.4400,
54.6229

■ 43.6721, 42.0345,
53.3894

■ 51.6018, 57.8920,
56.0323

■ 40.4688, 35.6286,
52.3218

■ 56.3673, 67.4221,
57.6206

■ 37.7448, 30.1816,
51.4140

■ 61.6911, 78.0689,
59.3950

■ 35.4772, 25.6473,
50.6583

■ 65.5789, 85.8436,
60.6908

■ 33.6410, 21.9758,
50.0464

■ 65.5795, 85.8439,
60.6908

■ 32.2089, 19.1125,
49.5692

■ 65.5801, 85.8442,
60.6909

■ 31.1504, 16.9963,
49.2165

■ 65.5807, 85.8446,
60.6909

■ 30.4307, 15.5578,
48.9768

■ 65.5813, 85.8449,
60.6909

■ 30.0086, 14.7145,
48.8362

■ 65.5819, 85.8452,
60.6909

Harmonies

Analogous

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



47.1855, 49.4400, 55.0710



47.3750, 49.4400, 54.6229



47.4617, 49.4400, 53.9656

Triad

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



47.3750, 49.4400, 54.6229



47.0380, 49.4400, 52.5000



46.5631, 49.4400, 54.3893

Complementary

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



47.3750, 49.4400, 54.6229



47.0978, 49.9521, 53.6163

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.



46.5239, 49.4400, 53.6981



47.3750, 49.4400, 54.6229



46.7975, 49.4400, 52.6112

Square

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



47.3750, 49.4400, 54.6229



47.2667, 49.4400, 52.7431



46.6096, 49.4400, 53.0483



46.7169, 49.4400, 54.9353

Rectangle

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



47.3750, 49.4400, 54.6229



47.4493, 49.4400, 53.4989



46.6096, 49.4400, 53.0483



46.5361, 49.4400, 54.1660

Sweetspot

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



47.3764, 49.4421, 54.6240



86.6293, 91.1408, 99.2523



46.8949, 49.2043, 54.6035



18.6292, 19.5994, 21.3438



90.7827, 95.5105, 104.0109

Same Dimension

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



47.3764, 49.4421, 54.6240



85.8942, 89.6708, 99.0073



47.2727, 49.4007, 54.0778



10.6383, 11.1129, 12.2565



20.2964, 9.7492, 33.2050



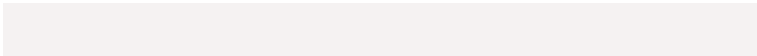
0.7951, 0.3819, 1.3007

Inverse Universe

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



47.1627, 49.3566, 53.4981



85.5234, 89.5225, 97.0541



47.2007, 49.9932, 54.1586



10.5960, 11.0960, 12.0339



14.1203, 7.2793, 0.6614



0.5531, 0.2851, 0.0260

Previews

White Background



This preview shows how the XYZ color 47.3750, 49.4400, 54.6229 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 47.3750, 49.4400, 54.6229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

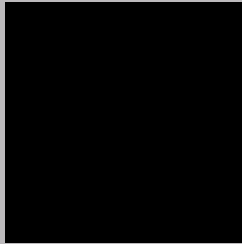
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3750, 49.4400, 54.6229

Background



This preview shows how black text looks on a background with the XYZ color 47.3750, 49.4400, 54.6229.

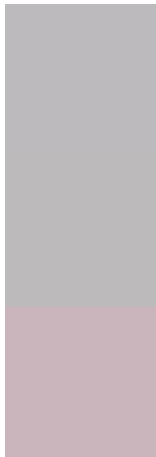


This preview shows how white text looks on a background with the XYZ color 47.3750, 49.4400,

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

47.3750, 49.4400, 54.6229

Protanopia

47.6223, 49.5675, 54.6345

Deuteranopia

50.3378, 49.4184, 55.0297



Tritanopia

48.6845, 49.3517, 60.9927

Trichromacy



Original Color

47.3750, 49.4400, 54.6229

Protanomaly

47.6223, 49.5675, 54.6345

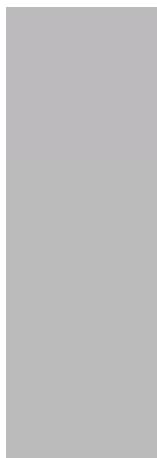
Deuteranomaly

49.4075, 49.5469, 55.1036

Tritanomaly

48.1856, 49.4569, 58.6362

Monochromacy



Original Color

47.3750, 49.4400, 54.6229

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.2335, 49.6933, 54.1160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3750, 49.4400, 54.6229 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(188, 186, 188)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 47.3750, 49.4400, 54.6229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

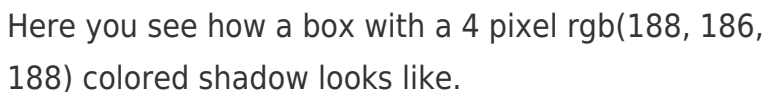
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 186, 188) }
```

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

```
.border{ border-color:rgb(188, 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(188, 186, 188)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 47.3750, 49.4400, 54.6229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(188,  
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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