

Converting Colors

XYZ(47.5148, 49.5245, 54.0686)

Have a look what the booklet for
XYZ(47.5148, 49.5245, 54.0686)
contains.

XYZ(47.5148, 49.5245, 54.0686)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(47.5148, 49.5245,
54.0686)**

Conversions

Conversions Part 1

Format	Color
Hex	BDBABB
RGB	189, 186, 187
RGB Percent	74%, 73%, 73%
CMY	0.2588, 0.2706, 0.2667
CMYK	0.00, 0.02, 0.01, 0.26
HSL	340°, 2%, 74%
HSV	340°, 2%, 74%
XYZ	47.5148, 49.5245, 54.0686
YIQ	187.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

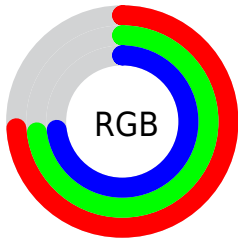
Format	Color
RYB	189, 186, 187
Decimal	12434107
CIELab	75.78, 1.24, -0.14
CIELCh	76, 1.246, 353.476
Yxy	49.5245, 0.3144, 0.3277
Android (android.graphics.Color)	4290624187 (0xFFBDBABB)
YUV	187.0110, -0.0054, 1.7444
Hunter-Lab	70.3736, -2.6344, 3.7086

Details

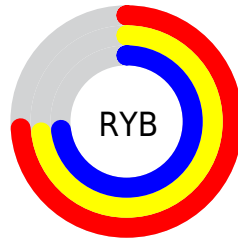
The XYZ color **47.5148, 49.5245, 54.0686** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5262, 50.4664, 54.8155**, and the grayscale version is **47.2409, 49.7011, 54.1245**.

A 20% lighter version of the original color is **85.5860, 89.3878, 97.5367**, and **22.8439, 23.7305, 25.9307** is the 20% darker color. If you saturate the color by 10%, you get **42.5023, 41.5658, 46.0258**, and if you desaturate by 10%, it is **53.1754, 58.5882, 62.9139**.

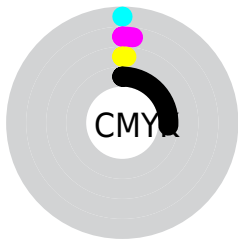
Distribution



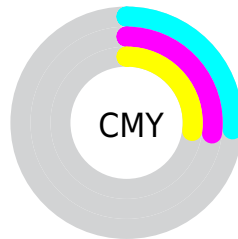
- Red (74%)
- Green (73%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5148, 49.5245, 54.0686 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 47.5148, 49.5245, 54.0686 by changing the saturation by 10% instead.

■ 47.5148, 49.5245,
54.0686

■ 47.5148, 49.5245,
54.0686

367.4804,
384.8035, 419.5536

■ 33.6525, 35.0357,
38.2630

■ 85.6956, 89.4700,
97.6324

■ 22.7884, 23.6904,
25.8834

110.7448,
115.6954, 126.2276

■ 14.5571, 15.1041,
16.5115

140.2537,
146.6019, 159.9231

■ 8.5935, 8.8925,
9.7285

174.5876,
182.5738, 199.1374

■ 4.5319, 4.6711,
5.1161

214.1118,
223.9955, 244.2891

■ 2.0073, 2.0556,
2.2556

259.1918,

■ 0.6380, 0.6395,

271.2515, 295.7966

0.7062

310.1928,
324.7260, 354.0786

■ 0.0000, 0.0000,
0.0000

■ 47.5148, 49.5245,
54.0686

■ 47.5148, 49.5245,
54.0686

■ 42.5023, 41.5658,
46.0258

■ 53.1754, 58.5882,
62.9139

■ 38.1101, 34.6636,
38.7595

■ 59.5023, 68.7904,
72.5803

■ 34.3146, 28.7748,
32.2467

■ 66.5179, 80.1713,
83.0898

■ 31.0891, 23.8514,
26.4622

■ 72.0992, 88.4800,
93.7483

■ 28.4048, 19.8412,
21.3795

■ 74.0127, 89.2454,
103.8243

■ 26.2301, 16.6869,
16.9700

■ 74.7965, 89.5590,
107.9522

■ 24.5301, 14.3251,
13.2032

■ 23.2653, 12.6829,
10.0456

■ 22.3890, 11.6741,
7.4604

Harmonies

Analogous

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



47.4299, 49.5245, 54.6854



47.5148, 49.5245, 54.0686



47.4807, 49.5245, 53.4179

Triad

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



47.5148, 49.5245, 54.0686



46.8946, 49.5245, 52.7639



46.8074, 49.5245, 54.9538

Complementary

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



47.5148, 49.5245, 54.0686



47.5262, 50.4664, 54.8155

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.



46.6648, 49.5245, 54.4328



47.5148, 49.5245, 54.0686



46.7151, 49.5245, 53.1693

Square

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



47.5148, 49.5245, 54.0686



47.1221, 49.5245, 52.6682



46.6311, 49.5245, 53.7792



47.0210, 49.5245, 55.1992

Rectangle

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



47.5148, 49.5245, 54.0686



47.3950, 49.5245, 53.0521



46.6311, 49.5245, 53.7792



46.7496, 49.5245, 54.8049

Sweetspot

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



47.5162, 49.5266, 54.0697



86.6293, 91.1408, 99.2523



47.4849, 49.4856, 55.1937



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.



47.5162, 49.5266, 54.0697



84.6751, 88.0229, 96.1640



47.5152, 49.6949, 53.5447



10.4993, 10.9249, 11.9323



14.7534, 7.5325, 3.9950



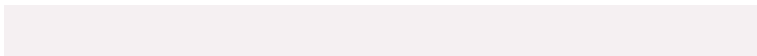
0.6089, 0.3074, 0.3195

Inverse Universe

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



47.5162, 49.5266, 54.0697



84.6751, 88.0229, 96.1640



47.5268, 50.2950, 55.3477



10.4993, 10.9249, 11.9323



14.7534, 7.5325, 3.9950



0.6089, 0.3074, 0.3195

Previews

White Background



This preview shows how the XYZ color 47.5148, 49.5245, 54.0686 looks on a white background.

Color Contrast Check

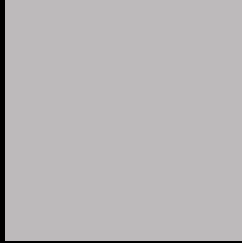
Large Text (above 18pt) WCAG AA × Fail

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 47.5148, 49.5245, 54.0686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

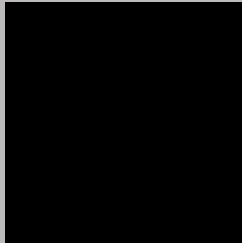
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

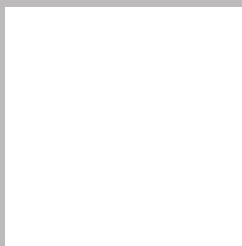
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5148, 49.5245, 54.0686

Background



This preview shows how black text looks on a background with the XYZ color 47.5148, 49.5245, 54.0686.

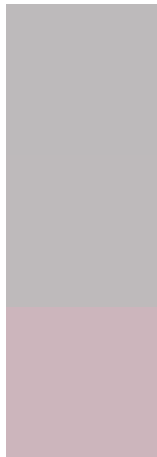


This preview shows how white text looks on a background with the XYZ color 47.5148, 49.5245,

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

47.5148, 49.5245, 54.0686

Protanopia

47.7638, 49.6528, 54.0802

Deuteranopia

50.5028, 49.5160, 54.4727



Tritanopia

48.9352, 49.4809, 61.0044

Trichromacy



Original Color

47.5148, 49.5245, 54.0686

Protanomaly

47.7638, 49.6528, 54.0802

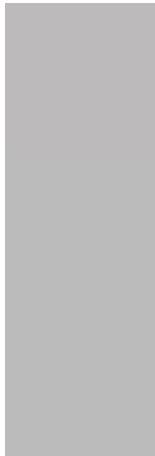
Deuteranomaly

49.5638, 49.6399, 54.5461

Tritanomaly

48.4345, 49.5852, 58.6479

Monochromacy



Original Color

47.5148, 49.5245, 54.0686

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.4790, 49.8199, 54.1275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5148, 49.5245, 54.0686 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(189, 186, 187) looks like.

```
.text, #text, p{  
    color:rgb(189, 186, 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(189, 186, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 186, 187) }
```

Border

The CSS property to change the border of an element to XYZ 47.5148, 49.5245, 54.0686 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(189, 186, 187) }
```

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

```
.border{ border-color:rgb(189, 186, 187) }
```

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

Here you see how a box with a 4 pixel rgb(189, 186, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 186, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 186, 187);  
box-shadow:4px 4px 4px 4px rgb(189, 186,  
187) }
```


Background

The CSS property to change the background color of an element to XYZ 47.5148, 49.5245, 54.0686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 186, 187) }
```

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

```
.background{ background-color: rgb(189,  
186, 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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