

Converting Colors

XYZ(48.0318, 49.9098, 54.5593)

Have a look what the booklet for
XYZ(48.0318, 49.9098, 54.5593)
contains.

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Color

**XYZ(47.8712, 49.6958,
54.6461)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBABC
RGB	190, 186, 188
RGB Percent	75%, 73%, 74%
CMY	0.2549, 0.2706, 0.2627
CMYK	0.00, 0.02, 0.01, 0.25
HSL	330°, 3%, 74%
HSV	330°, 2%, 75%
XYZ	47.8712, 49.6958, 54.6461
YIQ	187.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

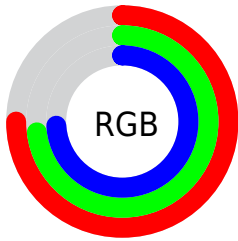
Format	Color
R _Y B	190, 186, 188
Decimal	12499644
CIE Lab	75.88, 1.77, -0.52
CIE LCh	76, 1.847, 343.610
Yxy	49.6958, 0.3145, 0.3265
Android (android.graphics.Color)	4290689724 (0xFFBEBABC)
YUV	187.4240, 0.2840, 2.2592
Hunter-Lab	70.4952, -2.1527, 3.3866

Details

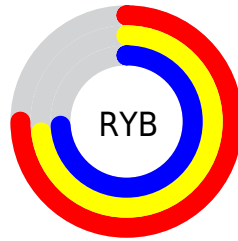
The XYZ color **47.8712, 49.6958, 54.6461** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7421, 50.8981, 54.8875**, and the grayscale version is **47.4725, 49.9447, 54.3898**.

A 20% lighter version of the original color is **86.0873, 89.6287, 98.3507**, and **23.0772, 23.8427, 26.3075** is the 20% darker color. If you saturate the color by 10%, you get **43.1406, 41.8206, 48.1782**, and if you desaturate by 10%, it is **53.2044, 58.6668, 61.6493**.

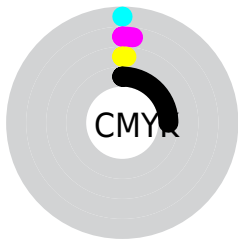
Distribution



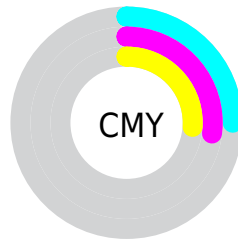
- Red (75%)
- Green (73%)
- Blue (74%)



- Red (75%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (25%)



- Cyan (25%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8712, 49.6958, 54.6461 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 47.8712, 49.6958, 54.6461 by changing the saturation by 10% instead.

■ 47.8712, 49.6958,
54.6461

■ 47.8712, 49.6958,
54.6461

368.8725,
385.4751, 421.8131

■ 33.9357, 35.1717,
38.7218

■ 86.2235, 89.7240,
98.4882

■ 23.0069, 23.7952,
26.2372

111.3710,
115.9969, 127.2430

■ 14.7193, 15.1818,
16.7738

140.9865,
146.9550, 161.1118

■ 8.7077, 8.9471,
9.9131

175.4355,
182.9825, 200.5130

■ 4.6066, 4.7067,
5.2365

215.0832,
224.4638, 245.8652

■ 2.0507, 2.0762,
2.3255

260.2950,

■ 0.6622, 0.6512,

271.7835, 297.5869

0.7455

311.4363,
325.3258, 356.0967

■ 0.0000, 0.0000,
0.0000

■ 47.8712, 49.6958,
54.6461

■ 47.8712, 49.6958,
54.6461

■ 43.1406, 41.8206,
48.1782

■ 53.2044, 58.6668,
61.6493

■ 38.9862, 34.9925,
42.2286

■ 59.1570, 68.7670,
69.1976

■ 35.3859, 29.1688,
36.7840

■ 65.7502, 80.0365,
77.3049

■ 32.3145, 24.3011,
31.8291

■ 70.7274, 87.9600,
85.2248

■ 29.7448, 20.3373,
27.3480

■ 72.0690, 88.4967,
92.2899

■ 27.6468, 17.2200,
23.3234

■ 73.4842, 89.0628,
99.7420

■ 25.9875, 14.8853,
19.7368

■ 74.9739, 89.6587,
107.5870

■ 24.7289, 13.2601,
16.5677

■ 75.0455, 89.6873,
107.9638

■ 23.8261, 12.2570,
13.7931

Harmonies

Analogous

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



47.6916, 49.6958, 55.4922



47.8712, 49.6958, 54.6461



47.8796, 49.6958, 53.6662

Triad

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



47.8712, 49.6958, 54.6461



47.0790, 49.6958, 52.2916



46.7575, 49.6958, 55.4262

Complementary

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



47.8712, 49.6958, 54.6461



47.7421, 50.8981, 54.8875

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.



46.5950, 49.6958, 54.5568



47.8712, 49.6958, 54.6461



46.7800, 49.6958, 52.7514

Square

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



47.8712, 49.6958, 54.6461



47.4211, 49.6958, 52.3148



46.6032, 49.6958, 53.5780



47.0481, 49.6958, 55.9464

Rectangle

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



47.8712, 49.6958, 54.6461



47.7869, 49.6958, 53.0694



46.6032, 49.6958, 53.5780



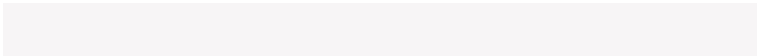
46.6861, 49.6958, 55.1647

Sweetspot

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



47.8726, 49.6979, 54.6472



87.7482, 91.7287, 100.3597



47.5940, 49.5292, 55.7675



19.2790, 20.1600, 22.0518



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



47.8726, 49.6979, 54.6472



85.8947, 88.6261, 97.8785



47.6588, 49.6124, 53.5212



10.3090, 10.5889, 11.7318



15.5310, 7.8436, 8.0899



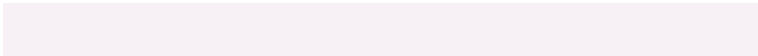
0.6414, 0.3204, 0.4908

Inverse Universe

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



47.8726, 49.6979, 54.6472



85.8947, 88.6261, 97.8785



47.9589, 50.9849, 56.0292



10.3090, 10.5889, 11.7318



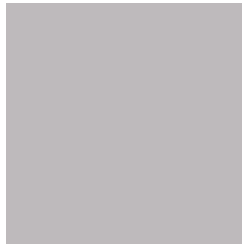
15.5310, 7.8436, 8.0899



0.6414, 0.3204, 0.4908

Previews

White Background



This preview shows how the XYZ color 47.8712, 49.6958, 54.6461 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 47.8712, 49.6958, 54.6461 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 47.8712, 49.6958, 54.6461

Background



This preview shows how black text looks on a background with the XYZ color 47.8712, 49.6958, 54.6461.

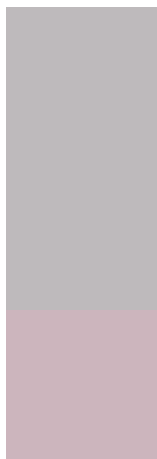


This preview shows how white text looks on a background with the XYZ color 47.8712, 49.6958,

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

47.8712, 49.6958, 54.6461

Protanopia

47.8712, 49.6958, 54.6461

Deuteranopia

50.6110, 49.5592, 55.0425



Tritanopia

49.1875, 49.6110, 61.0162

Trichromacy



Original Color

47.8712, 49.6958, 54.6461

Protanomaly

47.8712, 49.6958, 54.6461

Deuteranomaly

49.6720, 49.6832, 55.1159

Tritanomaly

48.6851, 49.7144, 58.6596

Monochromacy



Original Color

47.8712, 49.6958, 54.6461

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 47.8712, 49.6958, 54.6461 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(190, 186, 188) looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 186, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 186, 188) }
```

Border

The CSS property to change the border of an element to XYZ 47.8712, 49.6958, 54.6461 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(190, 186, 188) }
```


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

```
.border{ border-color:rgb(190, 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(190, 186, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 186, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 186, 188);  
box-shadow:4px 4px 4px 4px rgb(190, 186,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8712, 49.6958, 54.6461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 186, 188) }
```

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

```
.background{ background-color: rgb(190,  
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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