

Converting Colors

XYZ(47.6021, 48.7818, 54.7349)

Have a look what the booklet for
XYZ(47.6021, 48.7818, 54.7349)
contains.

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Color

**XYZ(47.7034, 48.9882,
54.5184)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB8BC
RGB	191, 184, 188
RGB Percent	75%, 72%, 74%
CMY	0.2510, 0.2784, 0.2627
CMYK	0.00, 0.04, 0.02, 0.25
HSL	326°, 5%, 74%
HSV	326°, 4%, 75%
XYZ	47.7034, 48.9882, 54.5184
YIQ	186.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

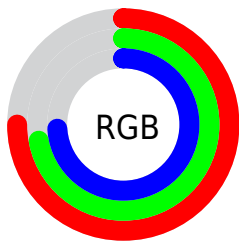
Format	Color
RYB	191, 184, 188
Decimal	12564668
CIELab	75.44, 3.20, -1.15
CIELCh	75, 3.397, 340.162
Yxy	48.9882, 0.3155, 0.3240
Android (android.graphics.Color)	4290754748 (0xFFBFB8BC)
YUV	186.5490, 0.7153, 3.9035
Hunter-Lab	69.9916, -0.8269, 2.8115

Details

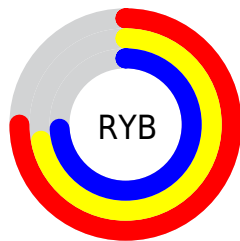
The XYZ color **47.7034, 48.9882, 54.5184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3694, 51.0410, 54.3714**, and the grayscale version is **46.9763, 49.4227, 53.8213**.

A 20% lighter version of the original color is **85.8470, 88.6260, 98.1699**, and **22.9707, 23.3851, 26.2248** is the 20% darker color. If you saturate the color by 10%, you get **43.1431, 41.2400, 48.7660**, and if you desaturate by 10%, it is **52.8523, 57.8321, 60.7153**.

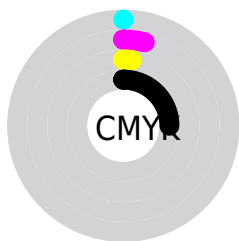
Distribution



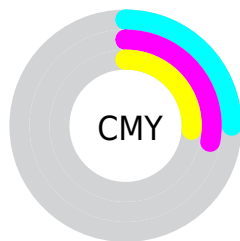
- Red (75%)
- Green (72%)
- Blue (74%)



- Red (75%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (25%)



- Cyan (25%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.7034, 48.9882, 54.5184 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 47.7034, 48.9882, 54.5184 by changing the saturation by 10% instead.

■ 47.7034, 48.9882,
54.5184

■ 47.7034, 48.9882,
54.5184

368.2175,
382.6959, 421.3141

■ 33.8023, 34.6101,
38.6203

■ 85.9750, 88.6739,
98.2990

■ 22.9040, 23.3627,
26.1589

111.0763,
114.7504, 127.0186

■ 14.6429, 14.8616,
16.7157

140.6416,
145.4950, 160.8491

■ 8.6538, 8.7223,
9.8722

175.0364,
181.2924, 200.2091

■ 4.5714, 4.5605,
5.2098

214.6261,
222.5267, 245.5170

■ 2.0302, 1.9918,
2.3100

259.7759,

■ 0.6508, 0.6027,

269.5825, 297.1915

0.7368

310.8512,
322.8441, 355.6510

■ 0.0000, 0.0000,
0.0000

■ 47.7034, 48.9882,
54.5184

■ 47.7034, 48.9882,
54.5184

■ 43.1431, 41.2400,
48.7660

■ 52.8523, 57.8321,
60.7153

■ 39.1451, 34.5381,
43.4436

■ 58.6065, 67.8058,
67.3646

■ 35.6872, 28.8389,
38.5402

■ 64.9873, 78.9500,
74.4777

■ 32.7440, 24.0931,
34.0430

■ 70.2649, 87.8040,
81.4819

■ 30.2882, 20.2474,
29.9386

■ 71.3815, 88.2506,
87.3615

■ 28.2896, 17.2428,
26.2123

■ 72.5520, 88.7188,
93.5253

■ 26.7147, 15.0137,
22.8484

■ 73.7771, 89.2089,
99.9769

■ 25.5246, 13.4844,
19.8290

■ 75.0577, 89.7211,
106.7201

■ 24.6732, 12.5637,
17.1338

■ 75.2961, 89.8165,
107.9755

Harmonies

Analogous

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



47.3425, 48.9882, 56.0182



47.7034, 48.9882, 54.5184



47.7568, 48.9882, 52.7339

Triad

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



47.7034, 48.9882, 54.5184



46.3497, 48.9882, 50.0177



45.6479, 48.9882, 55.5944

Complementary

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



47.7034, 48.9882, 54.5184



47.3694, 51.0410, 54.3714

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.



45.3869, 48.9882, 53.9504



47.7034, 48.9882, 54.5184



45.7897, 48.9882, 50.7482

Square

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



47.7034, 48.9882, 54.5184



46.9715, 48.9882, 50.1620



45.4386, 48.9882, 52.1784



46.1545, 48.9882, 56.6490

Rectangle

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



47.7034, 48.9882, 54.5184



47.6104, 48.9882, 51.6262



45.4386, 48.9882, 52.1784



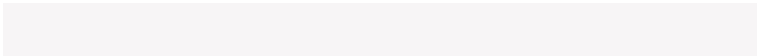
45.5287, 48.9882, 55.0909

Sweetspot

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



47.7048, 48.9903, 54.5195



87.7754, 91.7396, 100.5032



47.0194, 48.5992, 56.1931



19.2847, 20.1623, 22.0817



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.



47.7048, 48.9903, 54.5195



85.0917, 87.1482, 97.2160



47.3410, 48.8448, 52.6039



10.2234, 10.4272, 11.6742



15.9792, 8.0228, 10.4498



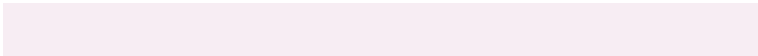
0.6581, 0.3271, 0.5787

Inverse Universe

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



47.7048, 48.9903, 54.5195



85.0917, 87.1482, 97.2160



47.7393, 51.1889, 56.3193



10.2234, 10.4272, 11.6742



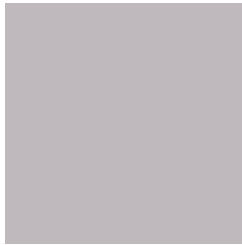
15.9792, 8.0228, 10.4498



0.6581, 0.3271, 0.5787

Previews

White Background



This preview shows how the XYZ color 47.7034, 48.9882, 54.5184 looks on a white background.

Color Contrast Check

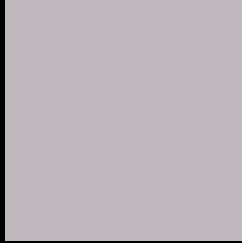
Large Text (above 18pt) WCAG AA × Fail

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 47.7034, 48.9882, 54.5184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

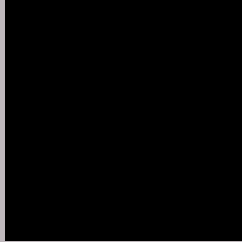
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

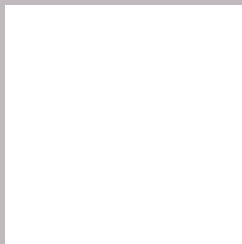
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.7034, 48.9882, 54.5184

Background



This preview shows how black text looks on a background with the XYZ color 47.7034, 48.9882, 54.5184.

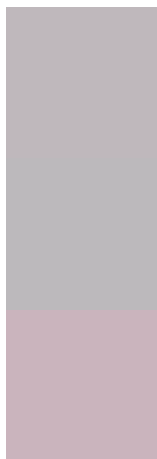


This preview shows how white text looks on a background with the XYZ color 47.7034, 48.9882,

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

47.7034, 48.9882, 54.5184

Protanopia

47.1651, 49.0201, 54.5529

Deuteranopia

49.8637, 48.8732, 54.9495



Tritanopia

48.7498, 49.1047, 59.7321

Trichromacy



Original Color

47.7034, 48.9882, 54.5184

Protanomaly

47.4123, 49.1476, 54.5645

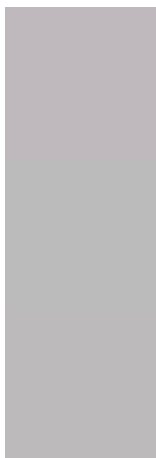
Deuteranomaly

48.9979, 48.7276, 54.9670

Tritanomaly

48.4093, 48.9685, 57.9394

Monochromacy



Original Color

47.7034, 48.9882, 54.5184

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.2676, 49.3970, 54.0570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7034, 48.9882, 54.5184 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(191, 184, 188) looks like.

```
.text, #text, p{  
    color:rgb(191, 184, 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(191, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 184, 188) }
```

Border

The CSS property to change the border of an element to XYZ 47.7034, 48.9882, 54.5184 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(191, 184, 188) }
```


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

```
.border{ border-color:rgb(191, 184, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 184, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 184, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 184, 188);  
box-shadow:4px 4px 4px 4px rgb(191, 184,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7034, 48.9882, 54.5184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 184, 188) }
```

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

```
.background{ background-color: rgb(191,  
184, 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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