

Converting Colors

XYZ(47.4761, 48.9202, 52.3627)

Have a look what the booklet for
XYZ(47.4761, 48.9202, 52.3627)
contains.

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Color

**XYZ(47.5304, 48.9481,
52.2902)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B8B8
RGB	192, 184, 184
RGB Percent	75%, 72%, 72%
CMY	0.2471, 0.2784, 0.2784
CMYK	0.00, 0.04, 0.04, 0.25
HSL	0°, 6%, 74%
HSV	0°, 4%, 75%
XYZ	47.5304, 48.9481, 52.2902
YIQ	186.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

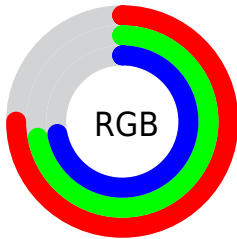
Format	Color
RYB	192, 184, 184
Decimal	12630200
CIELab	75.42, 2.82, 1.00
CIElCh	75, 2.993, 19.476
Yxy	48.9481, 0.3195, 0.3290
Android (android.graphics.Color)	4290820280 (0xFFC0B8B8)
YUV	186.3920, -1.1793, 4.9182
Hunter-Lab	69.9629, -1.1683, 4.6608

Details

The XYZ color **47.5304, 48.9481, 52.2902** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1311, 51.6946, 57.3110**, and the grayscale version is **46.8976, 49.3399, 53.7312**.

A 20% lighter version of the original color is **85.5997, 88.5679, 95.0218**, and **22.8605, 23.3603, 24.7768** is the 20% darker color. If you saturate the color by 10%, you get **41.9332, 40.7586, 41.1596**, and if you desaturate by 10%, it is **53.9444, 58.3329, 65.0420**.

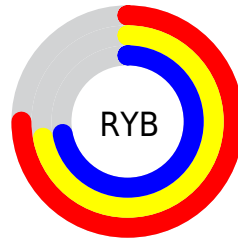
Distribution



Red (75%)

Green (72%)

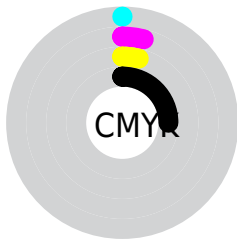
Blue (72%)



Red (75%)

Yellow (72%)

Blue (72%)

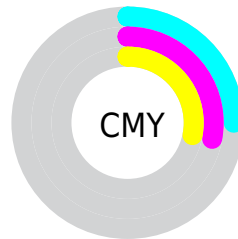


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (25%)



Cyan (25%)

Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5304, 48.9481, 52.2902 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 47.5304, 48.9481, 52.2902 by changing the saturation by 10% instead.

■ 47.5304, 48.9481,
52.2902

■ 47.5304, 48.9481,
52.2902

367.5414,
382.5380, 412.5447

■ 33.6649, 34.5783,
36.8526

■ 85.7187, 88.6144,
94.9900

■ 22.7979, 23.3382,
24.7985

110.7722,
114.6796, 123.0893

■ 14.5642, 14.8435,
15.7093

140.2858,
145.4122, 156.2463

■ 8.5985, 8.7096,
9.1666

174.6247,
181.1964, 194.8794

■ 4.5352, 4.5522,
4.7517

214.1544,
222.4167, 239.4073

■ 2.0091, 1.9870,
2.0462

259.2401,

■ 0.6391, 0.5999,

269.4575, 290.2484

0.5834

310.2473,
322.7031, 347.8214

■ 0.0000, 0.0000,
0.0000

■ 47.5304, 48.9481,
52.2902

■ 47.5304, 48.9481,
52.2902

■ 41.9332, 40.7586,
41.1596

■ 53.9444, 58.3329,
65.0420

■ 37.1162, 33.7104,
31.5822

■ 61.2019, 68.9515,
79.4730

■ 33.0460, 27.7547,
23.4901

■ 69.3333, 80.8487,
95.6421

■ 29.6852, 22.8370,
16.8088

■ 75.5485, 89.9466,
107.9873

■ 26.9933, 18.8978,
11.4576

■ 24.9255, 15.8718,
7.3477

■ 23.4317, 13.6856,
4.3792

■ 22.4541, 12.2548,
2.4372

■ 21.9229, 11.4769,
1.3825

Harmonies

Analogous

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



47.5739, 48.9481, 53.8526



47.5304, 48.9481, 52.2902



47.2160, 48.9481, 51.0213

Triad

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



47.5304, 48.9481, 52.2902



45.7225, 48.9481, 51.3475



46.3303, 48.9481, 56.3375

Complementary

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



47.5304, 48.9481, 52.2902



48.1311, 51.6946, 57.3110

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.



45.8382, 48.9481, 55.6376



47.5304, 48.9481, 52.2902



45.4891, 48.9481, 52.7435

Square

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



47.5304, 48.9481, 52.2902



46.1711, 48.9481, 50.4845



45.5313, 48.9481, 54.3149



46.8781, 48.9481, 56.2103

Rectangle

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



47.5304, 48.9481, 52.2902



46.8964, 48.9481, 50.5029



45.5313, 48.9481, 54.3149



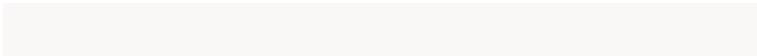
46.1530, 48.9481, 56.1906

Sweetspot

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



47.5318, 48.9502, 52.2913



89.6228, 93.8134, 101.7046



48.3938, 49.2939, 56.8338



19.2396, 20.1444, 21.8438



92.9021, 97.7402, 106.4391



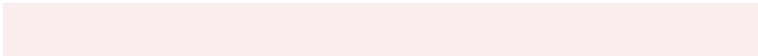
19.4759, 20.4902, 22.3138

Same Dimension

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



47.5318, 48.9502, 52.2913



85.1369, 87.2498, 92.7851



48.3738, 50.6343, 52.5719



10.5598, 10.7900, 11.4431



14.6282, 7.5422, 0.6848



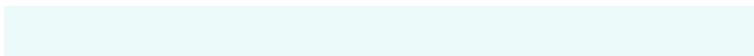
0.6322, 0.3261, 0.0296

Inverse Universe

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



48.1311, 51.6946, 57.3110



86.4530, 93.2761, 103.8078



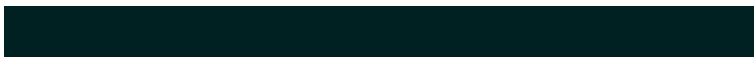
47.2655, 49.9632, 57.0224



10.7411, 11.6202, 12.9616



19.0745, 27.9054, 37.9376



0.8243, 1.2059, 1.6392

Previews

White Background



This preview shows how the XYZ color 47.5304, 48.9481, 52.2902 looks on a white background.

Color Contrast Check

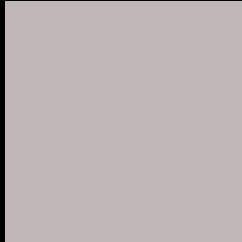
Large Text (above 18pt) WCAG AA × Fail

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 47.5304, 48.9481, 52.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

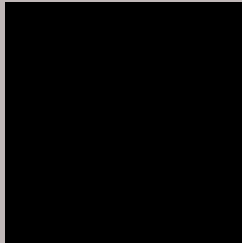
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

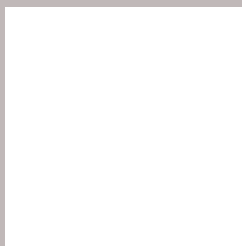
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5304, 48.9481, 52.2902

Background



This preview shows how black text looks on a background with the XYZ color 47.5304, 48.9481, 52.2902.

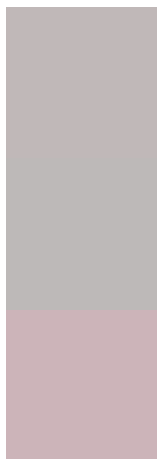


This preview shows how white text looks on a background with the XYZ color 47.5304, 48.9481,

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

47.5304, 48.9481, 52.2902

Protanopia

46.9870, 48.9774, 52.3245

Deuteranopia

49.9801, 48.9827, 52.7193



Tritanopia

48.9399, 48.9108, 59.0859

Trichromacy



Original Color

47.5304, 48.9481, 52.2902

Protanomaly

47.2359, 49.1058, 52.3362

Deuteranomaly

49.1002, 48.8299, 52.7362

Tritanomaly

48.4402, 49.0102, 56.7760

Monochromacy



Original Color

47.5304, 48.9481, 52.2902

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.8450, 48.8921, 52.8671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5304, 48.9481, 52.2902 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(192, 184, 184)` looks like.

```
.text, #text, p{  
    color:rgb(192, 184, 184)  
}
```

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(192, 184, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 184, 184) }
```

Border

The CSS property to change the border of an element to XYZ 47.5304, 48.9481, 52.2902 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(192, 184, 184) }
```


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

```
.border{ border-color:rgb(192, 184, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 184, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 184, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 184, 184);  
box-shadow:4px 4px 4px 4px rgb(192, 184,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5304, 48.9481, 52.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 184, 184) }
```

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

```
.background{ background-color: rgb(192,  
184, 184) }
```

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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