

Converting Colors

XYZ(47.0879, 49.0139, 52.8719)

Have a look what the booklet for
XYZ(47.0879, 49.0139, 52.8719)
contains.

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Color

**XYZ(47.0922, 49.0195,
52.8786)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB9B9
RGB	189, 185, 185
RGB Percent	74%, 73%, 73%
CMY	0.2588, 0.2745, 0.2745
CMYK	0.00, 0.02, 0.02, 0.26
HSL	0°, 3%, 73%
HSV	0°, 2%, 74%
XYZ	47.0922, 49.0195, 52.8786
YIQ	186.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

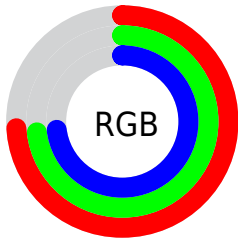
Format	Color
R _Y B	189, 185, 185
Decimal	12433849
CIE Lab	75.46, 1.41, 0.49
CIE LCh	75, 1.490, 19.176
Yxy	49.0195, 0.3161, 0.3290
Android (android.graphics.Color)	4290623929 (0xFFBDB9B9)
YUV	186.1960, -0.5896, 2.4591
Hunter-Lab	70.0139, -2.4631, 4.2305

Details

The XYZ color **47.0922, 49.0195, 52.8786** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3905, 50.3830, 55.3720**, and the grayscale version is **46.7854, 49.2219, 53.6026**.

A 20% lighter version of the original color is **84.9887, 88.6739, 95.8555**, and **22.5695, 23.4027, 25.1574** is the 20% darker color. If you saturate the color by 10%, you get **41.5368, 40.8918, 41.8287**, and if you desaturate by 10%, it is **53.4405, 58.3071, 65.5025**.

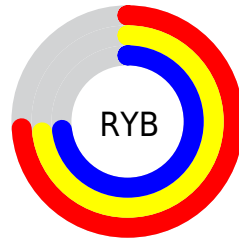
Distribution



Red (74%)

Green (73%)

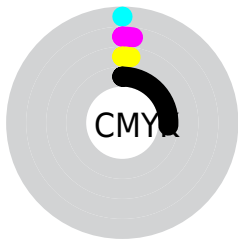
Blue (73%)



Red (74%)

Yellow (73%)

Blue (73%)

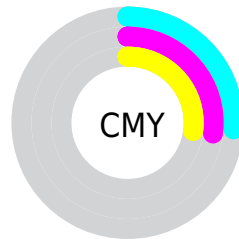


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (26%)



Cyan (26%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0922, 49.0195, 52.8786 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 47.0922, 49.0195, 52.8786 by changing the saturation by 10% instead.

■ 47.0922, 49.0195,
52.8786

■ 47.0922, 49.0195,
52.8786

365.8252,
382.8191, 414.8723

■ 33.3168, 34.6349,
37.3188

■ 85.0691, 88.7204,
95.8654

■ 22.5296, 23.3818,
25.1567

110.0014,
114.8056, 124.1296

■ 14.3654, 14.8757,
15.9738

139.3833,
145.5597, 157.4656

■ 8.4586, 8.7322,
9.3514

173.5802,
181.3672, 196.2919

■ 4.4440, 4.5669,
4.8712

212.9575,
222.6125, 241.0273

■ 1.9563, 1.9955,
2.1145

257.8805,

■ 0.6092, 0.6048,

269.6800, 292.0901

0.6244

308.7147,
322.9541, 349.8989

0.0000, 0.0000,
0.0000

47.0922, 49.0195,
52.8786

47.0922, 49.0195,
52.8786

41.5368, 40.8918,
41.8287

53.4405, 58.3071,
65.5025

36.7391, 33.8723,
32.2882

60.6066, 68.7910,
79.7555

32.6675, 27.9151,
24.1924

68.6197, 80.5137,
95.6937

29.2869, 22.9684,
17.4711

74.7966, 89.5590,
107.9522

26.5587, 18.9762,
12.0479

■ 24.4409, 15.8770,
7.8392

■ 22.8868, 13.6021,
4.7513

■ 21.8423, 12.0731,
2.6774

■ 21.2435, 11.1959,
1.4896

Harmonies

Analogous

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



47.1123, 49.0195, 53.6585



47.0922, 49.0195, 52.8786



46.9377, 49.0195, 52.2374

Triad

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



47.0922, 49.0195, 52.8786



46.1930, 49.0195, 52.3911



46.4924, 49.0195, 54.8734

Complementary

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



47.0922, 49.0195, 52.8786



47.3905, 50.3830, 55.3720

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.



46.2471, 49.0195, 54.5267



47.0922, 49.0195, 52.8786



46.0747, 49.0195, 53.0903

Square

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



47.0922, 49.0195, 52.8786



46.4183, 49.0195, 51.9579



46.0945, 49.0195, 53.8723



46.7653, 49.0195, 54.8154

Rectangle

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



47.0922, 49.0195, 52.8786



46.7796, 49.0195, 51.9726



46.0945, 49.0195, 53.8723



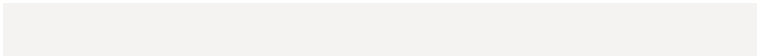
46.4041, 49.0195, 54.8002

Sweetspot

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



47.0936, 49.0216, 52.8797



85.5240, 89.5237, 97.0541



47.5213, 49.1916, 55.1352



18.4037, 19.2694, 20.8952



90.7827, 95.5105, 104.0109



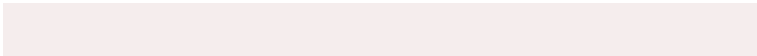
18.6292, 19.5994, 21.3438

Same Dimension

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



47.0936, 49.0216, 52.8797



83.3573, 86.3538, 92.7451



47.5143, 49.8630, 53.0199



10.2273, 10.5567, 11.3005



14.1216, 7.2820, 0.6613



0.5534, 0.2857, 0.0260

Inverse Universe

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



47.3905, 50.3830, 55.3720



84.1186, 89.8438, 99.1343



46.9639, 49.5298, 55.2298



10.3425, 11.0844, 12.2666



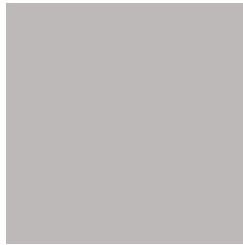
18.4025, 26.9168, 36.6184



0.7211, 1.0548, 1.4344

Previews

White Background



This preview shows how the XYZ color 47.0922, 49.0195, 52.8786 looks on a white background.

Color Contrast Check

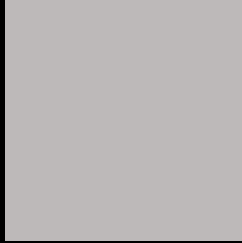
Large Text (above 18pt) WCAG AA × Fail

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 47.0922, 49.0195, 52.8786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

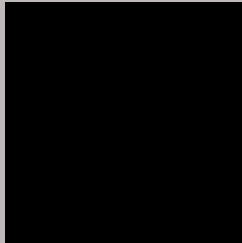
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

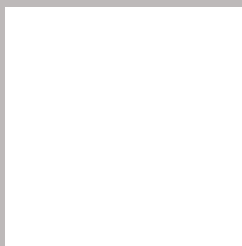
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.0922, 49.0195, 52.8786

Background



This preview shows how black text looks on a background with the XYZ color 47.0922, 49.0195, 52.8786.

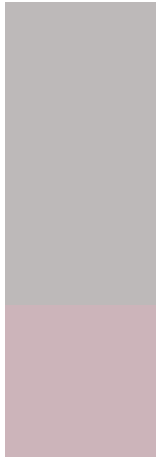


This preview shows how white text looks on a background with the XYZ color 47.0922, 49.0195,

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

47.0922, 49.0195, 52.8786

Protanopia

47.0922, 49.0195, 52.8786

Deuteranopia

50.0860, 49.0251, 53.2773



Tritanopia

48.6124, 49.0206, 60.3258

Trichromacy



Original Color

47.0922, 49.0195, 52.8786

Protanomaly

47.0922, 49.0195, 52.8786

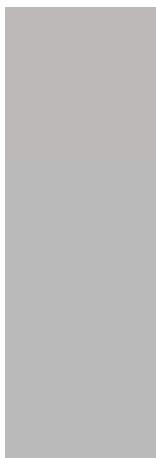
Deuteranomaly

49.1441, 49.1432, 53.3498

Tritanomaly

48.0013, 49.0784, 57.3952

Monochromacy



Original Color

47.0922, 49.0195, 52.8786

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.9153, 49.2278, 53.4836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0922, 49.0195, 52.8786 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, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(189, 185, 185)  
}
```

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, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 185, 185) }
```

Border

The CSS property to change the border of an element to XYZ 47.0922, 49.0195, 52.8786 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, 185, 185) }
```


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

```
.border{ border-color:rgb(189, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(189, 185,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0922, 49.0195, 52.8786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 185, 185) }
```

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

```
.background{ background-color: rgb(189,  
185, 185) }
```

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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