

Converting Colors

XYZ(47.9138, 49.5727, 53.1968)

Have a look what the booklet for
XYZ(47.9138, 49.5727, 53.1968)
contains.

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Color

**XYZ(47.8441, 49.4072,
52.9138)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B9B9
RGB	192, 185, 185
RGB Percent	75%, 73%, 73%
CMY	0.2471, 0.2745, 0.2745
CMYK	0.00, 0.04, 0.04, 0.25
HSL	0°, 5%, 74%
HSV	0°, 4%, 75%
XYZ	47.8441, 49.4072, 52.9138
YIQ	187.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

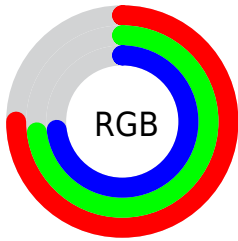
Format	Color
RYB	192, 185, 185
Decimal	12630457
CIELab	75.70, 2.46, 0.87
CIELCh	76, 2.614, 19.421
Yxy	49.4072, 0.3186, 0.3290
Android (android.graphics.Color)	4290820537 (0xFFC0B9B9)
YUV	187.0930, -1.0318, 4.3034
Hunter-Lab	70.2903, -1.5093, 4.5703

Details

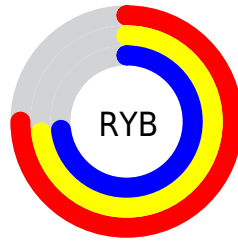
The XYZ color **47.8441, 49.4072, 52.9138** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3715, 51.8183, 57.3221**, and the grayscale version is **47.2917, 49.7546, 54.1827**.

A 20% lighter version of the original color is **86.0439, 89.2179, 95.9049**, and **23.0636, 23.6574, 25.1806** is the 20% darker color. If you saturate the color by 10%, you get **42.2056, 41.1575, 41.7006**, and if you desaturate by 10%, it is **54.3010, 58.8545, 65.7515**.

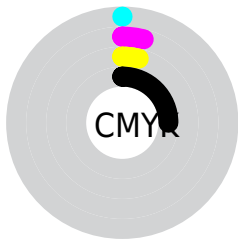
Distribution



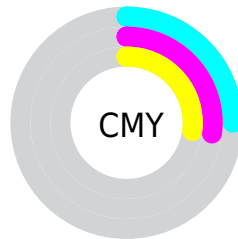
- Red (75%)
- Green (73%)
- Blue (73%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8441, 49.4072, 52.9138 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 47.8441, 49.4072, 52.9138 by changing the saturation by 10% instead.

■ 47.8441, 49.4072,
52.9138

■ 47.8441, 49.4072,
52.9138

368.7667,
384.3432, 415.0112

■ 33.9142, 34.9426,
37.3467

■ 86.1833, 89.2959,
95.9178

■ 22.9903, 23.6187,
25.1782

111.3234,
115.4889, 124.1917

■ 14.7070, 15.0510,
15.9896

140.9308,
146.3600, 157.5384

■ 8.6990, 8.8552,
9.3625

175.3710,
182.2938, 196.3763

■ 4.6009, 4.6468,
4.8784

215.0094,
223.6746, 241.1240

■ 2.0474, 2.0416,
2.1186

260.2112,

■ 0.6604, 0.6315,

270.8869, 292.2000

0.6268

311.3419,
324.3149, 350.0229

■ 0.0000, 0.0000,
0.0000

■ 47.8441, 49.4072,
52.9138

■ 47.8441, 49.4072,
52.9138

■ 42.2056, 41.1575,
41.7006

■ 54.3010, 58.8545,
65.7515

■ 37.3490, 34.0513,
32.0440

■ 61.6027, 69.5376,
80.2714

■ 33.2409, 28.0404,
23.8763

■ 69.7798, 81.5013,
96.5324

■ 29.8442, 23.0701,
17.1235

■ 75.5484, 89.9466,
107.9873

■ 27.1184, 19.0814,
11.7052

■ 25.0192, 16.0094,
7.5329

■ 23.4968, 13.7812,
4.5076

■ 22.4937, 12.3130,
2.5153

■ 21.9411, 11.5037,
1.4183

Harmonies

Analogous

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



47.8817, 49.4072, 54.2873



47.8441, 49.4072, 52.9138



47.5686, 49.4072, 51.7951

Triad

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



47.8441, 49.4072, 52.9138



46.2561, 49.4072, 52.0792



46.7892, 49.4072, 56.4614

Complementary

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



47.8441, 49.4072, 52.9138



48.3715, 51.8183, 57.3221

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.



46.3567, 49.4072, 55.8479



47.8441, 49.4072, 52.9138



46.0503, 49.4072, 53.3077

Square

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



47.8441, 49.4072, 52.9138



46.6510, 49.4072, 51.3190



46.0870, 49.4072, 54.6880



47.2705, 49.4072, 56.3516

Rectangle

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



47.8441, 49.4072, 52.9138



47.2883, 49.4072, 51.3368



46.0870, 49.4072, 54.6880



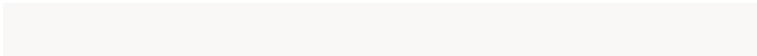
46.6334, 49.4072, 56.3326

Sweetspot

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



47.8455, 49.4093, 52.9149



89.6229, 93.8135, 101.7047



48.6022, 49.7108, 56.9032



19.2396, 20.1444, 21.8438



92.9021, 97.7402, 106.4391



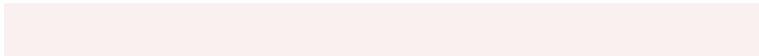
19.4759, 20.4902, 22.3138

Same Dimension

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



47.8455, 49.4093, 52.9149



86.2357, 88.8577, 94.9695



48.5860, 50.8903, 53.1617



10.6854, 10.9738, 11.6928



14.6284, 7.5425, 0.6848



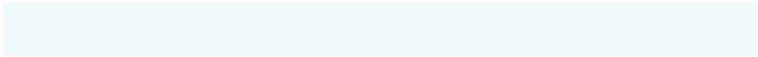
0.6322, 0.3262, 0.0296

Inverse Universe

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



48.3715, 51.8183, 57.3221



87.2952, 93.7103, 103.8472



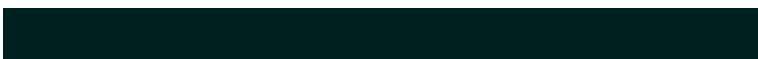
47.6129, 50.3011, 57.0693



10.8374, 11.6698, 12.9661



19.0719, 27.9002, 37.9367



0.8242, 1.2058, 1.6392

Previews

White Background



This preview shows how the XYZ color 47.8441, 49.4072, 52.9138 looks on a white background.

Color Contrast Check

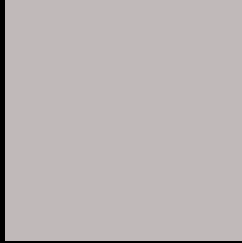
Large Text (above 18pt) WCAG AA × Fail

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 47.8441, 49.4072, 52.9138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

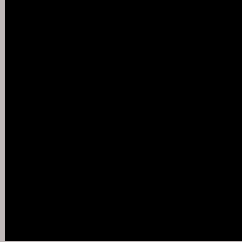
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

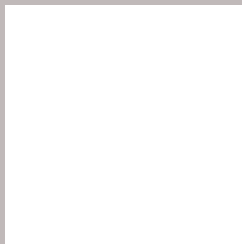
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.8441, 49.4072, 52.9138

Background



This preview shows how black text looks on a background with the XYZ color 47.8441, 49.4072, 52.9138.

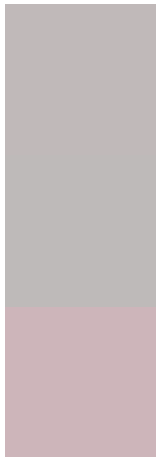


This preview shows how white text looks on a background with the XYZ color 47.8441, 49.4072,

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

47.8441, 49.4072, 52.9138

Protanopia

47.5511, 49.5677, 52.9603

Deuteranopia

50.5636, 49.5721, 53.3577



Tritanopia

49.2597, 49.3675, 59.7559

Trichromacy



Original Color

47.8441, 49.4072, 52.9138

Protanomaly

47.8017, 49.6970, 52.9720

Deuteranomaly

49.4103, 49.2804, 53.3622

Tritanomaly

48.7584, 49.4687, 57.4306

Monochromacy



Original Color

47.8441, 49.4072, 52.9138

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.4081, 49.4818, 53.5066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8441, 49.4072, 52.9138 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, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 185, 185) }
```

Border

The CSS property to change the border of an element to XYZ 47.8441, 49.4072, 52.9138 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, 185, 185) }
```


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

```
.border{ border-color:rgb(192, 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(192, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(192, 185,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8441, 49.4072, 52.9138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 185, 185) }
```

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

```
.background{ background-color: rgb(192,  
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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