

Converting Colors

XYZ(48.7296, 48.9141, 53.8924)

Have a look what the booklet for
XYZ(48.7296, 48.9141, 53.8924)
contains.

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Color

**XYZ(48.7235, 48.9141,
53.8871)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B6BB
RGB	197, 182, 187
RGB Percent	77%, 71%, 73%
CMY	0.2274, 0.2863, 0.2667
CMYK	0.00, 0.08, 0.05, 0.23
HSL	340°, 11%, 74%
HSV	340°, 8%, 77%
XYZ	48.7235, 48.9141, 53.8871
YIQ	187.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

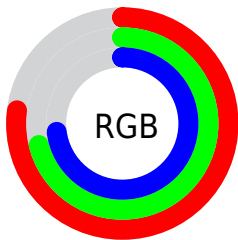
Format	Color
RYB	197, 182, 187
Decimal	12957371
CIELab	75.40, 6.21, -0.62
CIELCh	75, 6.237, 354.324
Yxy	48.9141, 0.3216, 0.3228
Android (android.graphics.Color)	4291147451 (0xFFC5B6BB)
YUV	187.0550, -0.0271, 8.7218
Hunter-Lab	69.9386, 1.9614, 3.2746

Details

The XYZ color **48.7235, 48.9141, 53.8871** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7739, 53.6845, 57.6632**, and the grayscale version is **47.2635, 49.7249, 54.1504**.

A 20% lighter version of the original color is **87.6252, 88.6910, 97.2947**, and **23.4810, 23.2614, 25.8066** is the 20% darker color. If you saturate the color by 10%, you get **43.6271, 40.8693, 45.5646**, and if you desaturate by 10%, it is **54.5189, 58.1497, 63.0785**.

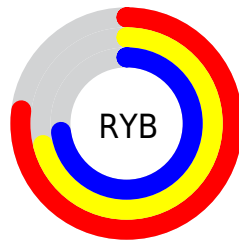
Distribution



Red (77%)

Green (71%)

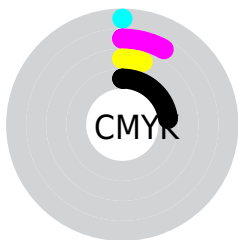
Blue (73%)



Red (77%)

Yellow (71%)

Blue (73%)

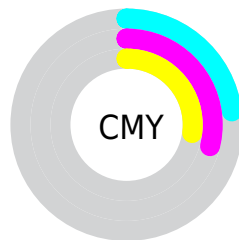


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (23%)



Cyan (23%)

Magenta (29%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7235, 48.9141, 53.8871 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 48.7235, 48.9141, 53.8871 by changing the saturation by 10% instead.

■ 48.7235, 48.9141,
53.8871

■ 48.7235, 48.9141,
53.8871

372.1878,
382.4041, 418.8418

■ 34.6138, 34.5513,
38.1188

■ 87.4838, 88.5639,
97.3632

■ 23.5307, 23.3175,
25.7724

112.8652,
114.6197, 125.9081

■ 15.1087, 14.8281,
16.4292

142.7346,
145.3419, 159.5490

■ 8.9825, 8.6988,
9.6707

177.4572,
181.1150, 198.7044

■ 4.7868, 4.5453,
5.0785

217.3985,
222.3234, 243.7928

■ 2.1562, 1.9830,
2.2338

262.9238,

■ 0.7195, 0.5976,

269.3515, 295.2328

0.6938

314.3984,
322.5835, 353.4430

■ 0.0000, 0.0000,
0.0000

■ 48.7235, 48.9141,
53.8871

■ 48.7235, 48.9141,
53.8871

■ 43.6271, 40.8693,
45.5646

■ 54.5189, 58.1497,
63.0785

■ 39.1985, 33.9605,
38.0820

■ 61.0347, 68.6155,
73.1604

■ 35.4104, 28.1379,
31.4130

■ 68.2964, 80.3568,
84.1577

■ 32.2318, 23.3457,
25.5288

■ 74.4470, 89.6548,
95.4665

■ 29.6290, 19.5228,
20.3989

■ 76.4652, 90.4621,
106.0944

■ 27.5651, 16.6018,
15.9903

■ 76.8362, 90.6104,
108.0476

■ 25.9984, 14.5067,
12.2676

■ 24.8808, 13.1483,
9.1915

■ 24.1444, 12.3994,
6.7145

Harmonies

Analogous

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



48.3083, 48.9141, 57.0331



48.7235, 48.9141, 53.8871



48.5327, 48.9141, 50.6966

Triad

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



48.7235, 48.9141, 53.8871



45.5878, 48.9141, 47.7019



45.2154, 48.9141, 58.5632

Complementary

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



48.7235, 48.9141, 53.8871



48.7739, 53.6845, 57.6632

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.



44.5081, 48.9141, 55.9066



48.7235, 48.9141, 53.8871



44.7206, 48.9141, 49.6554

Square

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



48.7235, 48.9141, 53.8871



46.7101, 48.9141, 47.2108



44.3285, 48.9141, 52.6361



46.2733, 48.9141, 59.8032

Rectangle

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



48.7235, 48.9141, 53.8871



48.0891, 48.9141, 48.9616



44.3285, 48.9141, 52.6361



44.9295, 48.9141, 57.8011

Sweetspot

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



48.7249, 48.9162, 53.8882



92.9018, 96.5720, 105.5067



48.5458, 48.6959, 59.6644



19.9073, 20.7063, 22.6184



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



48.7249, 48.9162, 53.8882



85.7938, 85.2746, 94.1398



48.7156, 49.7389, 51.2916



10.7772, 10.6943, 11.8100



15.8200, 8.0776, 4.2618



0.7828, 0.3960, 0.3796

Inverse Universe

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



48.7249, 48.9162, 53.8882



85.7938, 85.2746, 94.1398



48.7743, 52.7841, 60.4414



10.7772, 10.6943, 11.8100



15.8200, 8.0776, 4.2618



0.7828, 0.3960, 0.3796

Previews

White Background



This preview shows how the XYZ color 48.7235, 48.9141, 53.8871 looks on a white background.

Color Contrast Check

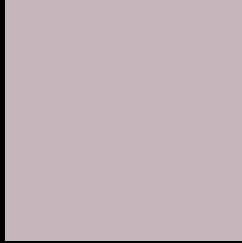
Large Text (above 18pt) WCAG AA × Fail

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 48.7235, 48.9141, 53.8871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

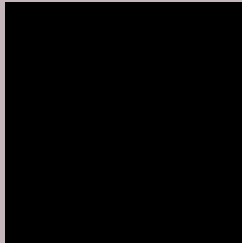
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.7235, 48.9141, 53.8871

Background



This preview shows how black text looks on a background with the XYZ color 48.7235, 48.9141, 53.8871.



This preview shows how white text looks on a background with the XYZ color 48.7235, 48.9141,

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

48.7235, 48.9141, 53.8871

Protanopia

47.2733, 49.0634, 55.1227

Deuteranopia

49.9195, 48.9269, 53.8265



Tritanopia

49.6629, 48.9936, 58.4690

Trichromacy



Original Color

48.7235, 48.9141, 53.8871

Protanomaly

47.7034, 48.9882, 54.5184

Deuteranomaly

49.5809, 49.0531, 53.8687

Tritanomaly

49.3270, 48.8593, 56.7001

Monochromacy



Original Color

48.7235, 48.9141, 53.8871

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.8045, 49.3621, 54.0220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7235, 48.9141, 53.8871 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(197, 182, 187) looks like.

```
.text, #text, p{  
    color:rgb(197, 182, 187)  
}
```

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(197, 182, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 182, 187) }
```

Border

The CSS property to change the border of an element to XYZ 48.7235, 48.9141, 53.8871 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(197, 182, 187) }
```


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

```
.border{ border-color:rgb(197, 182, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 182, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 182, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 182, 187);  
box-shadow:4px 4px 4px 4px rgb(197, 182,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7235, 48.9141, 53.8871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 182, 187) }
```

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

```
.background{ background-color: rgb(197,  
182, 187) }
```

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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