

Converting Colors

XYZ(51.9273, 48.6728, 51.2591)

Have a look what the booklet for
XYZ(51.9273, 48.6728, 51.2591)
contains.

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Color

**XYZ(51.9015, 48.5259,
51.4307)**

Conversions

Conversions Part 1

Format	Color
Hex	D7AFB7
RGB	215, 175, 183
RGB Percent	84%, 69%, 72%
CMY	0.1569, 0.3137, 0.2823
CMYK	0.00, 0.19, 0.15, 0.16
HSL	348°, 33%, 76%
HSV	348°, 19%, 84%
XYZ	51.9015, 48.5259, 51.4307
YIQ	187.8720, 21.2720, 10.9680

Conversions

Conversions Part 2

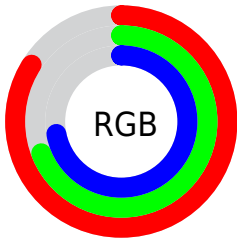
Format	Color
RYB	215, 175, 183
Decimal	14135223
CIELab	75.16, 15.77, 1.41
CIELCh	75, 15.832, 5.096
Yxy	48.5259, 0.3418, 0.3195
Android (android.graphics.Color)	4292325303 (0xFFD7AFB7)
YUV	187.8720, -2.4019, 23.7913
Hunter-Lab	69.6605, 11.0878, 4.9883

Details

The XYZ color **51.9015, 48.5259, 51.4307** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2440, 62.2209, 68.2380**, and the grayscale version is **47.7332, 50.2190, 54.6885**.

A 20% lighter version of the original color is **85.3959, 84.6438, 93.4984**, and **25.4860, 23.0044, 24.2161** is the 20% darker color. If you saturate the color by 10%, you get **46.3631, 40.1412, 41.2845**, and if you desaturate by 10%, it is **58.3277, 58.3350, 62.9536**.

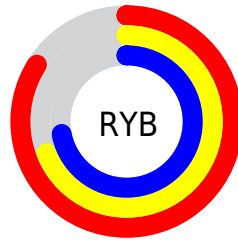
Distribution



Red (84%)

Green (69%)

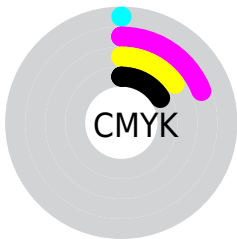
Blue (72%)



Red (84%)

Yellow (69%)

Blue (72%)

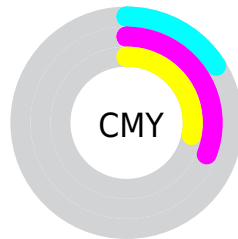


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (16%)



Cyan (16%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9015, 48.5259, 51.4307 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 51.9015, 48.5259, 51.4307 by changing the saturation by 10% instead.

■ 51.9015, 48.5259,
51.4307

■ 51.9015, 48.5259,
51.4307

384.3864,
380.8729, 409.1291

■ 37.1505, 34.2435,
36.1724

■ 92.1610, 87.9869,
93.7091

■ 25.4983, 23.0808,
24.2766

118.4003,
113.9343, 121.5663

■ 16.5794, 14.6532,
15.3248

149.1997,
144.5389, 154.4602

■ 10.0285, 8.5763,
8.8985

184.9247,
180.1851, 192.8093

■ 5.4803, 4.4659,
4.5792

225.9404,
221.2571, 237.0322

■ 2.5693, 1.9374,
1.9481

272.6124,

■ 0.9304, 0.5707,

268.1395, 287.5475

0.5231

325.3060,
321.2166, 344.7736

■ 0.0000, 0.0000,
0.0000

■ 51.9015, 48.5259,
51.4307

■ 51.9015, 48.5259,
51.4307

■ 46.3631, 40.1412,
41.2845

■ 58.3277, 58.3350,
62.9536

■ 41.6692, 33.1082,
32.4601

■ 65.6744, 69.6236,
75.8992

■ 37.7787, 27.3578,
24.9032

■ 73.9777, 82.4519,
90.3151

■ 34.6456, 22.8121,
18.5549

■ 81.3248, 92.9833,
105.5973

■ 32.2191, 19.3847,
13.3510

■ 81.8345, 93.1872,
108.2815

■ 30.4419, 16.9776,
9.2216

■ 29.2474, 15.4757,
6.0883

■ 28.5383, 14.7048,
3.8561

■ 28.4602, 14.6215,
3.6061

Harmonies

Analogous

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



51.3664, 48.5259, 59.8493



51.9015, 48.5259, 51.4307



50.8361, 48.5259, 44.1775

Triad

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



51.9015, 48.5259, 51.4307



42.9906, 48.5259, 40.8195



43.8143, 48.5259, 68.6825

Complementary

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



51.9015, 48.5259, 51.4307



53.2440, 62.2209, 68.2380

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.



41.7095, 48.5259, 62.5588



51.9015, 48.5259, 51.4307



41.2481, 48.5259, 46.3940

Square

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



51.9015, 48.5259, 51.4307



45.6289, 48.5259, 38.4748



40.7891, 48.5259, 54.2676



46.6195, 48.5259, 70.3896

Rectangle

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



51.9015, 48.5259, 51.4307



49.3867, 48.5259, 40.7935



40.7891, 48.5259, 54.2676



43.0052, 48.5259, 67.0430

Sweetspot

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



51.9029, 48.5281, 51.4317



88.4531, 89.8602, 97.2860



53.3293, 48.8339, 70.9055



18.7854, 19.0080, 20.5627



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.



51.9029, 48.5281, 51.4317



73.2877, 66.7198, 70.0639



53.5340, 53.0848, 47.9850



12.5238, 12.4610, 13.4324



17.0529, 8.7575, 2.3169



1.0585, 0.5402, 0.2974

Inverse Universe

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



51.9029, 48.5281, 51.4317



73.2877, 66.7198, 70.0639



51.3026, 56.7337, 72.5371



12.5238, 12.4610, 13.4324



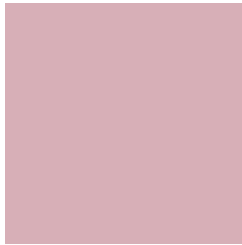
17.0529, 8.7575, 2.3169



1.0585, 0.5402, 0.2974

Previews

White Background



This preview shows how the XYZ color 51.9015, 48.5259, 51.4307 looks on a white background.

Color Contrast Check

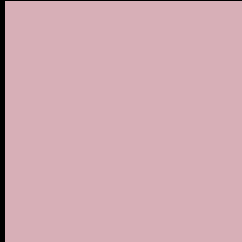
Large Text (above 18pt) WCAG AA × Fail

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 51.9015, 48.5259, 51.4307 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 51.9015, 48.5259, 51.4307

Background



This preview shows how black text looks on a background with the XYZ color 51.9015, 48.5259, 51.4307.



This preview shows how white text looks on a background with the XYZ color 51.9015, 48.5259,

51.4307.

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

51.9015, 48.5259, 51.4307

Protanopia

46.9566, 48.6032, 54.4834

Deuteranopia

49.4654, 48.4550, 51.0016



Tritanopia

52.5321, 48.5019, 54.1700

Trichromacy



Original Color

51.9015, 48.5259, 51.4307

Protanomaly

48.6755, 48.5987, 53.2694

Deuteranomaly

50.3763, 48.6281, 50.9870

Tritanomaly

52.3179, 48.4162, 53.0422

Monochromacy



Original Color

51.9015, 48.5259, 51.4307

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.0851, 49.4179, 53.4059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9015, 48.5259, 51.4307 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(215, 175, 183)` looks like.

```
.text, #text, p{  
    color:rgb(215, 175, 183)  
}
```

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(215, 175, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 175, 183) }
```

Border

The CSS property to change the border of an element to XYZ 51.9015, 48.5259, 51.4307 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(215, 175, 183) }
```


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

```
.border{ border-color:rgb(215, 175, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 175, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 175, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 175, 183);  
box-shadow:4px 4px 4px 4px rgb(215, 175,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9015, 48.5259, 51.4307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 175, 183) }
```

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

```
.background{ background-color: rgb(215,  
175, 183) }
```

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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