

Converting Colors

XYZ(51.9358, 48.4915, 66.9441)

Have a look what the booklet for
XYZ(51.9358, 48.4915, 66.9441)
contains.

XYZ(51.9358, 48.4915, 66.9441)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.9358, 48.4915,
66.9441)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB0D1
RGB	204, 176, 209
RGB Percent	80%, 69%, 82%
CMY	0.2000, 0.3098, 0.1804
CMYK	0.02, 0.16, 0.00, 0.18
HSL	291°, 26%, 75%
HSV	291°, 16%, 82%
XYZ	51.9358, 48.4915, 66.9441
YIQ	188.1340, 6.0950, 16.1990

Conversions

Conversions Part 2

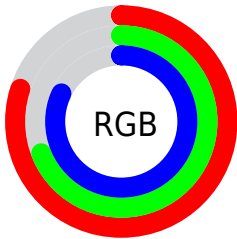
Format	Color
R_{YB}	204, 176, 209
Decimal	13414609
CIE _{Lab}	75.13, 15.95, -12.94
CIE _{LCh}	75, 20.539, 320.957
Yxy	48.4915, 0.3103, 0.2897
Android (android.graphics.Color)	4291604689 (0xFFCCB0D1)
YUV	188.1340, 10.2869, 13.9145
Hunter-Lab	69.6358, 11.2661, -8.2531

Details

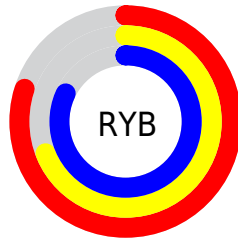
The XYZ color **51.9358, 48.4915, 66.9441** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.6948, 58.5606, 49.7609**, and the grayscale version is **47.8183, 50.3086, 54.7860**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **25.5770, 23.0165, 34.1049** is the 20% darker color. If you saturate the color by 10%, you get **47.2905, 40.4756, 65.6424**, and if you desaturate by 10%, it is **57.2326, 57.7824, 68.4590**.

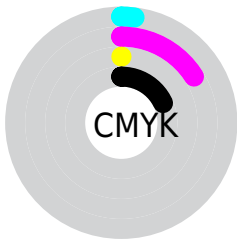
Distribution



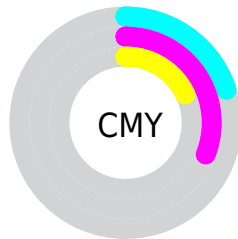
- Red (80%)
- Green (69%)
- Blue (82%)



- Red (80%)
- Yellow (69%)
- Blue (82%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9358, 48.4915, 66.9441 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 51.9358, 48.4915, 66.9441 by changing the saturation by 10% instead.

■ 51.9358, 48.4915,
66.9441

■ 51.9358, 48.4915,
66.9441

384.5167,
380.7370, 468.2418

■ 37.1780, 34.2163,
48.5779

■ 92.2113, 87.9357,
116.4802

■ 25.5196, 23.0598,
33.9215

118.4598,
113.8736, 148.4872

■ 16.5954, 14.6377,
22.5564

149.2691,
144.4677, 185.8781

■ 10.0400, 8.5655,
14.0641

185.0047,
180.1026, 229.0716

■ 5.4879, 4.4589,
8.0260

226.0319,
221.1625, 278.4862

■ 2.5740, 1.9334,
4.0236

272.7160,

■ 0.9327, 0.5684,

268.0320, 334.5404

1.6383

325.4226,
321.0954, 397.6528

■ 0.0000, 0.0000,
0.3179

■ 0.0000, 0.0000,
0.0000

■ 51.9358, 48.4915,
66.9441

■ 51.9358, 48.4915,
66.9441

■ 47.2905, 40.4756,
65.6424

■ 57.2326, 57.7824,
68.4590

■ 43.2634, 33.6709,
64.5413

■ 63.2035, 68.3961,
70.1929

■ 39.8248, 28.0175,
63.6313

■ 69.8754, 80.3853,
72.1554

■ 36.9410, 23.4478,
62.9012

■ 75.7857, 90.8245,
73.8589

■ 34.5745, 19.8870,
62.3386

■ 76.7342, 91.3135,
73.9033

■ 32.6830, 17.2510,
61.9295

■ 77.7009, 91.8119,
73.9485

■ 31.2177, 15.4420,
61.6576

■ 78.6859, 92.3196,
73.9946

■ 30.1178, 14.3387,
61.5026

■ 79.6892, 92.8369,
74.0416

■ 29.7161, 13.9897,
61.4564

■ 80.7110, 93.3636,
74.0894

Harmonies

Analogous

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



48.7242, 48.4915, 74.5902



51.9358, 48.4915, 66.9441



53.6043, 48.4915, 56.1204

Triad

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



51.9358, 48.4915, 66.9441



47.2353, 48.4915, 34.8776



39.6628, 48.4915, 60.5562

Complementary

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



51.9358, 48.4915, 66.9441



49.6948, 58.5606, 49.7609

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.



39.3124, 48.4915, 49.6113



51.9358, 48.4915, 66.9441



43.5520, 48.4915, 35.7281

Square

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



51.9358, 48.4915, 66.9441



50.7952, 48.4915, 38.2954



40.6997, 48.4915, 40.8015



41.6842, 48.4915, 70.5677

Rectangle

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



51.9358, 48.4915, 66.9441



53.5580, 48.4915, 48.9604



40.6997, 48.4915, 40.8015



39.3502, 48.4915, 56.8331

Sweetspot

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



51.9373, 48.4936, 66.9452



90.4094, 91.7686, 107.5558



46.0409, 47.0873, 66.9845



19.2164, 19.4038, 22.9825



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.



51.9373, 48.4936, 66.9452



78.8445, 71.5220, 104.2573



52.0144, 48.6853, 60.0832



12.1275, 11.9145, 14.9042



18.3888, 8.6600, 37.8949



1.0770, 0.5094, 2.1211

Inverse Universe

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



50.1620, 47.9444, 50.3288



75.5677, 70.5174, 73.1739



49.6763, 58.4201, 55.6737



11.8807, 11.8370, 12.6476



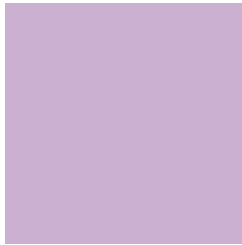
16.3933, 8.4302, 1.7115



0.9404, 0.4809, 0.2208

Previews

White Background



This preview shows how the XYZ color 51.9358, 48.4915, 66.9441 looks on a white background.

Color Contrast Check

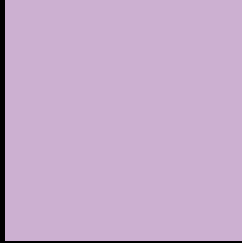
Large Text (above 18pt) WCAG AA × Fail

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 51.9358, 48.4915, 66.9441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

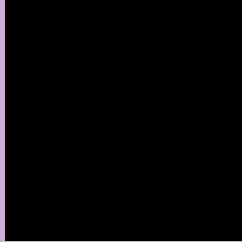
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9358, 48.4915, 66.9441

Background



This preview shows how black text looks on a background with the XYZ color 51.9358, 48.4915, 66.9441.



This preview shows how white text looks on a background with the XYZ color 51.9358, 48.4915,

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

51.9358, 48.4915, 66.9441

Protanopia

48.1005, 48.8393, 70.5101

Deuteranopia

49.4447, 48.4031, 66.4112



Tritanopia

50.1029, 48.6470, 57.2012

Trichromacy



Original Color

51.9358, 48.4915, 66.9441

Protanomaly

49.3938, 48.6200, 69.0686

Deuteranomaly

50.2702, 48.5300, 66.3922

Tritanomaly

50.8578, 48.6608, 60.7448

Monochromacy



Original Color

51.9358, 48.4915, 66.9441

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.3524, 49.7358, 59.2234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9358, 48.4915, 66.9441 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(204, 176, 209)` looks like.

```
.text, #text, p{  
    color:rgb(204, 176, 209)  
}
```

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(204, 176, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 176, 209) }
```

Border

The CSS property to change the border of an element to XYZ 51.9358, 48.4915, 66.9441 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(204, 176, 209) }
```


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

```
.border{ border-color:rgb(204, 176, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 176, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 176, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 176, 209);  
box-shadow:4px 4px 4px 4px rgb(204, 176,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9358, 48.4915, 66.9441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 176, 209) }
```

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

```
.background{ background-color: rgb(204,  
176, 209) }
```

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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