

Converting Colors

XYZ(58.5415, 49.5327, 71.5491)

Have a look what the booklet for
XYZ(58.5415, 49.5327, 71.5491)
contains.

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Color

**XYZ(58.3922, 49.4571,
71.4343)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A8D8
RGB	228, 168, 216
RGB Percent	89%, 66%, 85%
CMY	0.1059, 0.3412, 0.1529
CMYK	0.00, 0.26, 0.05, 0.11
HSL	312°, 53%, 78%
HSV	312°, 26%, 89%
XYZ	58.3922, 49.4571, 71.4343
YIQ	191.4120, 20.3520, 27.6480

Conversions

Conversions Part 2

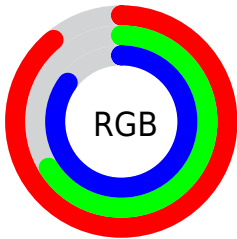
Format	Color
R _Y B	228, 168, 216
Decimal	14985432
CIE Lab	75.73, 29.64, -15.62
CIE LCh	76, 33.508, 332.212
Yxy	49.4571, 0.3257, 0.2759
Android (android.graphics.Color)	4293175512 (0xFFE4A8D8)
YUV	191.4120, 12.1219, 32.0877
Hunter-Lab	70.3257, 25.1404, -10.9966

Details

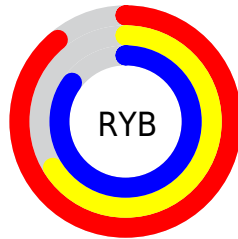
The XYZ color **58.3922, 49.4571, 71.4343** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.1321, 67.1084, 53.3885**, and the grayscale version is **49.6852, 52.2727, 56.9249**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **29.5770, 23.6053, 36.7156** is the 20% darker color. If you saturate the color by 10%, you get **53.9653, 41.5330, 67.0904**, and if you desaturate by 10%, it is **63.5764, 58.8680, 76.1125**.

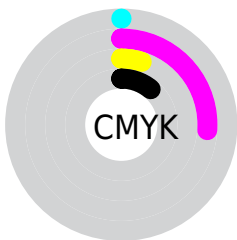
Distribution



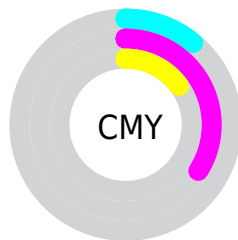
- Red (89%)
- Green (66%)
- Blue (85%)



- Red (89%)
- Yellow (66%)
- Blue (85%)



- Cyan (0%)
- Magenta (26%)
- Yellow (5%)
- Black (11%)





- Cyan (11%)
- Magenta (34%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3922, 49.4571, 71.4343 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 58.3922, 49.4571, 71.4343 by changing the saturation by 10% instead.


 58.3922, 49.4571,
71.4343


 58.3922, 49.4571,
71.4343


408.5761,
384.5391, 484.4947

 42.3685, 34.9822,
52.2127


 101.6135, 89.3700,
122.9521

 29.5823, 23.6492,
36.7912


 129.5417,
115.5767, 156.0854

 19.6683, 15.0736,
24.7514


162.1690,
146.4629, 194.6931

 12.2610, 8.8710,
15.6746

199.8604,
182.4130, 239.1935

 6.9952, 4.6572,
9.1423

242.9815,
223.8112, 290.0054

 3.5054, 2.0475,
4.7360

291.8976,

 1.4263, 0.6349,

271.0420, 347.5472

2.0372

346.9740,
324.4898, 412.2374

■ 0.2749, 0.0000,
0.5780

■ 0.0000, 0.0000,
0.0000

■ 58.3922, 49.4571,
71.4343

■ 58.3922, 49.4571,
71.4343

■ 53.9653, 41.5330,
67.0904

■ 63.5764, 58.8680,
76.1125

■ 50.2525, 35.0120,
63.0641

■ 69.5494, 69.8308,
81.1344

■ 47.2132, 29.8123,
59.3418

■ 76.3460, 82.4143,
86.5128

■ 44.8008, 25.8408,
55.9072

■ 82.6415, 93.9687,
91.8069

42.9625, 22.9921,
52.7420

83.3062, 94.2345,
95.3073

41.6368, 21.1433,
49.8252

83.9879, 94.5072,
98.8972

40.7464, 20.1406,
47.1303

84.6868, 94.7868,
102.5773

40.4799, 19.8880,
46.1767

85.4029, 95.0732,
106.3481

85.8053, 95.2342,
108.4674

Harmonies

Analogous

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



53.6698, 49.4571, 88.3086



58.3922, 49.4571, 71.4343



59.9888, 49.4571, 52.5404

Triad

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



58.3922, 49.4571, 71.4343



46.5478, 49.4571, 26.3796



37.6040, 49.4571, 74.2319

Complementary

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



58.3922, 49.4571, 71.4343



52.1321, 67.1084, 53.3885

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.



36.0486, 49.4571, 55.1820



58.3922, 49.4571, 71.4343



40.9207, 49.4571, 29.7733

Square

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



58.3922, 49.4571, 71.4343



52.8019, 49.4571, 28.8924



37.2080, 49.4571, 39.4184



41.6533, 49.4571, 90.1580

Rectangle

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



58.3922, 49.4571, 71.4343



58.9619, 49.4571, 41.9207



37.2080, 49.4571, 39.4184



36.7891, 49.4571, 67.8524

Sweetspot

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



58.3937, 49.4593, 71.4353



88.2339, 87.4078, 103.4214



46.8308, 43.3125, 79.2916



18.6278, 18.2344, 21.9230



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.



58.3937, 49.4593, 71.4353



71.7929, 57.5138, 88.7300



54.8623, 48.0467, 52.8390



14.8651, 14.5632, 17.4898



23.4176, 11.5013, 26.8917



1.7620, 0.8625, 2.1531

Inverse Universe

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



58.3937, 49.4593, 71.4353



71.7929, 57.5138, 88.7300



55.5265, 68.4662, 71.2631



14.8651, 14.5632, 17.4898



23.4176, 11.5013, 26.8917



1.7620, 0.8625, 2.1531

Previews

White Background



This preview shows how the XYZ color 58.3922, 49.4571, 71.4343 looks on a white background.

Color Contrast Check

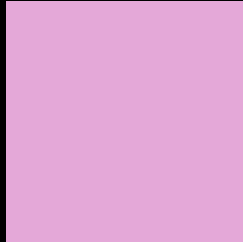
Large Text (above 18pt) WCAG AA × Fail

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 58.3922, 49.4571, 71.4343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

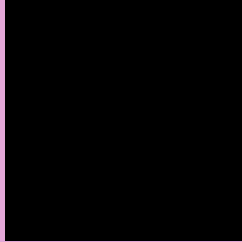
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3922, 49.4571, 71.4343

Background



This preview shows how black text looks on a background with the XYZ color 58.3922, 49.4571, 71.4343.



This preview shows how white text looks on a background with the XYZ color 58.3922, 49.4571,

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

58.3922, 49.4571, 71.4343

Protanopia

49.7127, 49.7643, 80.3841

Deuteranopia

50.7305, 49.5974, 69.8503



Tritanopia

54.6537, 49.3223, 53.6533

Trichromacy



Original Color

58.3922, 49.4571, 71.4343



Protanomaly

52.3396, 49.3578, 77.2894



Deuteranomaly

53.3133, 49.4211, 70.3476



Tritanomaly

55.8073, 49.2106, 59.9833

Monochromacy



Original Color

58.3922, 49.4571, 71.4343



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.2607, 50.8745, 61.7089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3922, 49.4571, 71.4343 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(228, 168, 216)` looks like.

```
.text, #text, p{  
    color:rgb(228, 168, 216)  
}
```

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(228, 168, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 168, 216) }
```

Border

The CSS property to change the border of an element to XYZ 58.3922, 49.4571, 71.4343 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(228, 168, 216) }
```


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

```
.border{ border-color:rgb(228, 168, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 168, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 168, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 168, 216);  
box-shadow:4px 4px 4px 4px rgb(228, 168,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3922, 49.4571, 71.4343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 168, 216) }
```

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

```
.background{ background-color: rgb(228,  
168, 216) }
```

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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