

Converting Colors

XYZ(58.9859, 49.2192, 71.3571)

Have a look what the booklet for
XYZ(58.9859, 49.2192, 71.3571)
contains.

XYZ(58.9859, 49.2192, 71.3571)	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(58.9859, 49.2192,
71.3571)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A6D8
RGB	231, 166, 216
RGB Percent	91%, 65%, 85%
CMY	0.0941, 0.3490, 0.1529
CMYK	0.00, 0.28, 0.06, 0.09
HSL	314°, 58%, 78%
HSV	314°, 28%, 91%
XYZ	58.9859, 49.2192, 71.3571
YIQ	191.1350, 22.6900, 29.3300

Conversions

Conversions Part 2

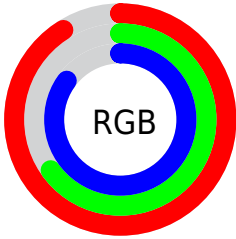
Format	Color
R _Y B	231, 166, 216
Decimal	15181528
CIE Lab	75.59, 31.71, -15.81
CIE LCh	76, 35.438, 333.499
Yxy	49.2192, 0.3285, 0.2741
Android (android.graphics.Color)	4293371608 (0xFFE7A6D8)
YUV	191.1350, 12.2584, 34.9616
Hunter-Lab	70.1564, 27.3050, -11.1953

Details

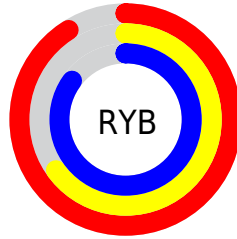
The XYZ color **58.9859, 49.2192, 71.3571** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.6443, 68.5965, 54.1848**, and the grayscale version is **49.5227, 52.1017, 56.7388**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **30.0173, 23.4974, 36.6716** is the 20% darker color. If you saturate the color by 10%, you get **54.4801, 41.2922, 66.5100**, and if you desaturate by 10%, it is **64.2712, 58.6679, 76.5755**.

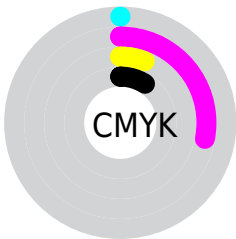
Distribution



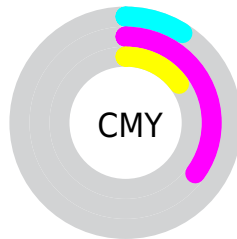
- Red (91%)
- Green (65%)
- Blue (85%)



- Red (91%)
- Yellow (65%)
- Blue (85%)



- Cyan (0%)
- Magenta (28%)
- Yellow (6%)
- Black (9%)





- Cyan (9%)
- Magenta (35%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9859, 49.2192, 71.3571 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 58.9859, 49.2192, 71.3571 by changing the saturation by 10% instead.


 58.9859, 49.2192,
71.3571


 58.9859, 49.2192,
71.3571


410.7446,
383.6046, 484.2181

 42.8481, 34.7934,
52.1500


 102.4719, 89.0169,
122.8413

 29.9600, 23.5038,
36.7416


 130.5508,
115.1576, 155.9554

 19.9561, 14.9659,
24.7133


163.3408,
145.9721, 194.5424

 12.4712, 8.7955,
15.6465

201.2073,
181.8447, 239.0207

 7.1399, 4.6080,
9.1227

244.5155,
223.1599, 289.8089

 3.5969, 2.0192,
4.7234

293.6309,

 1.4767, 0.6186,

270.3020, 347.3255

2.0300

348.9188,
323.6554, 411.9890

■ 0.3099, 0.0000,
0.5736

■ 0.0000, 0.0000,
0.0000

■ 58.9859, 49.2192,
71.3571

■ 58.9859, 49.2192,
71.3571

■ 54.4801, 41.2922,
66.5100

■ 64.2712, 58.6679,
76.5755

■ 50.7088, 34.7994,
62.0164

■ 70.3690, 69.7064,
82.1756

■ 47.6291, 29.6546,
57.8616

■ 77.3161, 82.4069,
88.1711

■ 45.1916, 25.7596,
54.0282

■ 84.0492, 94.6426,
94.2086

43.3405, 23.0029,
50.4963

84.8413, 94.9595,
98.3802

42.0098, 21.2529,
47.2430

85.6569, 95.2857,
102.6749

41.1067, 20.3244,
44.2360

86.4960, 95.6214,
107.0936

40.9601, 20.1910,
43.6944

86.7654, 95.7291,
108.5123

Harmonies

Analogous

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



54.0848, 49.2192, 89.6607



58.9859, 49.2192, 71.3571



60.5165, 49.2192, 51.4194

Triad

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



58.9859, 49.2192, 71.3571



46.0167, 49.2192, 25.0427



37.0425, 49.2192, 76.0733

Complementary

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



58.9859, 49.2192, 71.3571



52.6443, 68.5965, 54.1848

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.



35.2996, 49.2192, 55.8236



58.9859, 49.2192, 71.3571



40.1669, 49.2192, 28.7832

Square

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



58.9859, 49.2192, 71.3571



52.6311, 49.2192, 27.3527



36.3883, 49.2192, 39.0500



41.3820, 49.2192, 92.7998

Rectangle

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



58.9859, 49.2192, 71.3571



59.3121, 49.2192, 40.4539



36.3883, 49.2192, 39.0500



36.1529, 49.2192, 69.3035

Sweetspot

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



58.9874, 49.2214, 71.3581



88.1351, 87.3683, 102.9012



46.9040, 42.7578, 81.3832



18.6028, 18.2244, 21.7913



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.



58.9874, 49.2214, 71.3581



70.2921, 55.3738, 85.5736



55.2885, 47.7418, 51.8801



14.8453, 14.5553, 17.3860



23.0123, 11.3391, 24.7573



1.7353, 0.8518, 2.0124

Inverse Universe

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



58.9874, 49.2214, 71.3581



70.2921, 55.3738, 85.5736



56.2610, 70.0432, 73.2299



14.8453, 14.5553, 17.3860



23.0123, 11.3391, 24.7573



1.7353, 0.8518, 2.0124

Previews

White Background



This preview shows how the XYZ color 58.9859, 49.2192, 71.3571 looks on a white background.

Color Contrast Check

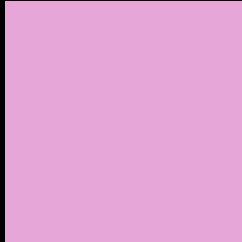
Large Text (above 18pt) WCAG AA × Fail

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 58.9859, 49.2192, 71.3571 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 58.9859, 49.2192, 71.3571

Background



This preview shows how black text looks on a background with the XYZ color 58.9859, 49.2192, 71.3571.



This preview shows how white text looks on a background with the XYZ color 58.9859, 49.2192,

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

58.9859, 49.2192, 71.3571

Protanopia

49.6233, 49.7022, 81.1068

Deuteranopia

50.4764, 49.4665, 69.8384



Tritanopia

55.1880, 49.3387, 52.5135

Trichromacy



Original Color

58.9859, 49.2192, 71.3571



Protanomaly

52.4009, 49.0929, 77.2351



Deuteranomaly

53.1165, 49.0275, 70.2820



Tritanomaly

56.3334, 49.2290, 58.7576

Monochromacy



Original Color

58.9859, 49.2192, 71.3571



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.6069, 50.7478, 61.6662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9859, 49.2192, 71.3571 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(231, 166, 216)` looks like.

```
.text, #text, p{  
    color:rgb(231, 166, 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(231, 166, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 166, 216) }
```

Border

The CSS property to change the border of an element to XYZ 58.9859, 49.2192, 71.3571 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(231, 166, 216) }
```


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

```
.border{ border-color:rgb(231, 166, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 166, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 166, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 166, 216);  
box-shadow:4px 4px 4px 4px rgb(231, 166,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9859, 49.2192, 71.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 166, 216) }
```

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

```
.background{ background-color: rgb(231,  
166, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor