

Converting Colors

XYZ(59.1459, 48.2781, 71.9561)

Have a look what the booklet for
XYZ(59.1459, 48.2781, 71.9561)
contains.

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Color

**XYZ(59.0490, 48.1741,
71.8319)**

Conversions

Conversions Part 1

Format	Color
Hex	E9A2D9
RGB	233, 162, 217
RGB Percent	91%, 64%, 85%
CMY	0.0863, 0.3647, 0.1490
CMYK	0.00, 0.30, 0.07, 0.09
HSL	314°, 62%, 77%
HSV	314°, 30%, 91%
XYZ	59.0490, 48.1741, 71.8319
YIQ	189.4990, 24.6610, 32.1570

Conversions

Conversions Part 2

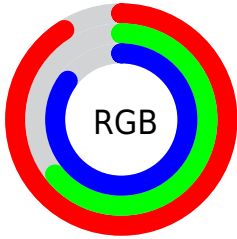
Format	Color
RYB	233, 162, 217
Decimal	15311577
CIELab	74.93, 34.68, -17.32
CIELCh	75, 38.766, 333.458
Yxy	48.1741, 0.3298, 0.2690
Android (android.graphics.Color)	4293501657 (0xFFE9A2D9)
YUV	189.4990, 13.5580, 38.1504
Hunter-Lab	69.4076, 30.3970, -12.7756

Details

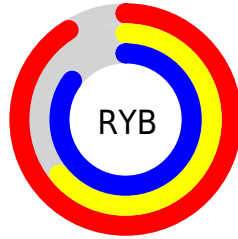
The XYZ color **59.0490, 48.1741, 71.8319** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.0771, 69.1750, 52.7299**, and the grayscale version is **48.5717, 51.1012, 55.6492**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **29.8947, 22.7760, 37.0030** is the 20% darker color. If you saturate the color by 10%, you get **54.6468, 40.4447, 67.0484**, and if you desaturate by 10%, it is **64.2363, 57.4373, 76.9854**.

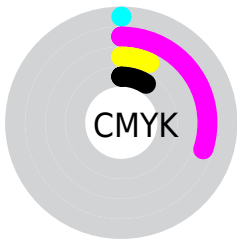
Distribution



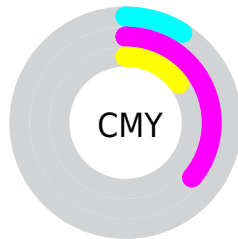
- Red (91%)
- Green (64%)
- Blue (85%)



- Red (91%)
- Yellow (64%)
- Blue (85%)



- Cyan (0%)
- Magenta (30%)
- Yellow (7%)
- Black (9%)





- Cyan (9%)
- Magenta (36%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0490, 48.1741, 71.8319 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 59.0490, 48.1741, 71.8319 by changing the saturation by 10% instead.


 59.0490, 48.1741,
71.8319


 59.0490, 48.1741,
71.8319


410.9746,
379.4818, 485.9181

 42.8991, 33.9648,
52.5354

 102.5631, 87.4636,
123.5230

 30.0001, 22.8665,
37.0468


 130.6580,
113.3125, 156.7547

 19.9868, 14.4950,
24.9477


163.4653,
143.8101, 195.4684

 12.4936, 8.4657,
15.8194

201.3503,
179.3407, 240.0829

 7.1554, 4.3944,
9.2435

244.6783,
220.2888, 291.0165

 3.6067, 1.8965,
4.8014

293.8148,

 1.4821, 0.5463,

267.0388, 348.6879

2.0745

349.1252,
319.9750, 413.5156

■ 0.3136, 0.0000,
0.6005

■ 0.0000, 0.0000,
0.0000

■ 59.0490, 48.1741,
71.8319

■ 59.0490, 48.1741,
71.8319

■ 54.6468, 40.4447,
67.0484

■ 64.2363, 57.4373,
76.9854

■ 50.9830, 34.1585,
62.6168

■ 70.2432, 68.3054,
82.5198

■ 48.0127, 29.2251,
58.5216

■ 77.1077, 80.8533,
88.4491

■ 45.6842, 25.5415,
54.7446

■ 84.7981, 95.0172,
94.7640

43.9384, 22.9898,
51.2650

85.5811, 95.3304,
98.8873

42.7047, 21.4292,
48.0583

86.3868, 95.6527,
103.1303

41.8929, 20.6391,
45.2178

87.2154, 95.9842,
107.4937

87.4147, 96.0638,
108.5427

Harmonies

Analogous

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



53.6940, 48.1741, 92.0714



59.0490, 48.1741, 71.8319



60.7319, 48.1741, 50.1416

Triad

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



59.0490, 48.1741, 71.8319



44.9736, 48.1741, 22.4125



35.3631, 48.1741, 76.9616

Complementary

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



59.0490, 48.1741, 71.8319



52.0771, 69.1750, 52.7299

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.



33.5217, 48.1741, 54.8352



59.0490, 48.1741, 71.8319



38.6989, 48.1741, 26.2280

Square

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



59.0490, 48.1741, 71.8319



52.1312, 48.1741, 24.7773



34.6778, 48.1741, 36.9170



39.9815, 48.1741, 95.5283

Rectangle

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



59.0490, 48.1741, 71.8319



59.4160, 48.1741, 38.4395



34.6778, 48.1741, 36.9170



34.4216, 48.1741, 69.5163

Sweetspot

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



59.0505, 48.1763, 71.8329



87.3390, 85.8927, 102.2766



45.8494, 41.1186, 82.6118



18.4449, 17.9309, 21.6703



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.



59.0505, 48.1763, 71.8329



68.7372, 52.5529, 84.1644



54.9820, 46.5489, 50.4085



15.5611, 15.2523, 18.2400



23.8196, 11.7305, 25.9153



1.9060, 0.9354, 2.2222

Inverse Universe

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



59.0505, 48.1763, 71.8329



68.7372, 52.5529, 84.1644



56.0364, 70.7587, 73.5792



15.5611, 15.2523, 18.2400



23.8196, 11.7305, 25.9153



1.9060, 0.9354, 2.2222

Previews

White Background



This preview shows how the XYZ color 59.0490, 48.1741, 71.8319 looks on a white background.

Color Contrast Check

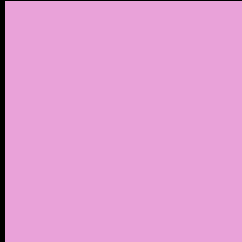
Large Text (above 18pt) WCAG AA × Fail

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 59.0490, 48.1741, 71.8319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

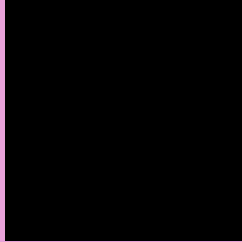
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0490, 48.1741, 71.8319

Background



This preview shows how black text looks on a background with the XYZ color 59.0490, 48.1741, 71.8319.



This preview shows how white text looks on a background with the XYZ color 59.0490, 48.1741,

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

59.0490, 48.1741, 71.8319

Protanopia

48.5909, 48.5207, 82.4057

Deuteranopia

49.4451, 48.3164, 70.3383



Tritanopia

54.9446, 48.4113, 50.7044

Trichromacy



Original Color

59.0490, 48.1741, 71.8319



Protanomaly

51.5631, 47.7530, 78.4511



Deuteranomaly

52.3861, 47.7726, 70.7500



Tritanomaly

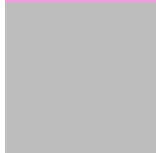
56.1197, 48.0356, 57.9437

Monochromacy



Original Color

59.0490, 48.1741, 71.8319



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.2002, 49.9345, 61.5306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0490, 48.1741, 71.8319 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(233, 162, 217)` looks like.

```
.text, #text, p{  
    color:rgb(233, 162, 217)  
}
```

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(233, 162, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 162, 217) }
```

Border

The CSS property to change the border of an element to XYZ 59.0490, 48.1741, 71.8319 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(233, 162, 217) }
```


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

```
.border{ border-color:rgb(233, 162, 217) }
```

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

Here you see how a box with a 4 pixel rgb(233, 162, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 162, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 162, 217);  
box-shadow:4px 4px 4px 4px rgb(233, 162,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0490, 48.1741, 71.8319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 162, 217) }
```

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

```
.background{ background-color: rgb(233,  
162, 217) }
```

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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