

Converting Colors

XYZ(59.0773, 49.2403, 68.5195)

Have a look what the booklet for
XYZ(59.0773, 49.2403, 68.5195)
contains.

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Color

**XYZ(59.1242, 49.3495,
68.6966)**

Conversions

Conversions Part 1

Format	Color
Hex	E9A6D4
RGB	233, 166, 212
RGB Percent	91%, 65%, 83%
CMY	0.0863, 0.3490, 0.1686
CMYK	0.00, 0.29, 0.09, 0.09
HSL	319°, 60%, 78%
HSV	319°, 29%, 91%
XYZ	59.1242, 49.3495, 68.6966
YIQ	191.2770, 25.1660, 28.5100

Conversions

Conversions Part 2

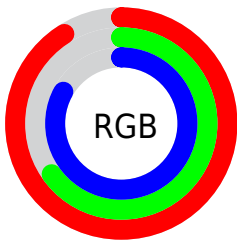
Format	Color
R _Y B	233, 166, 212
Decimal	15312596
CIE Lab	75.67, 31.70, -13.49
CIE LCh	76, 34.449, 336.951
Yxy	49.3495, 0.3337, 0.2785
Android (android.graphics.Color)	4293502676 (0xFFE9A6D4)
YUV	191.2770, 10.2164, 36.5911
Hunter-Lab	70.2492, 27.2958, -8.8052

Details

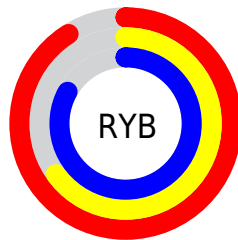
The XYZ color **59.1242, 49.3495, 68.6966** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.8365, 69.9742, 57.6857**, and the grayscale version is **49.6155, 52.1994, 56.8451**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **29.8954, 23.4747, 34.8537** is the 20% darker color. If you saturate the color by 10%, you get **54.3659, 41.2735, 62.6675**, and if you desaturate by 10%, it is **64.6944, 58.9811, 75.2030**.

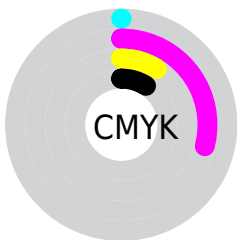
Distribution



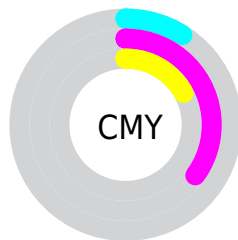
- Red (91%)
- Green (65%)
- Blue (83%)



- Red (91%)
- Yellow (65%)
- Blue (83%)



- Cyan (0%)
- Magenta (29%)
- Yellow (9%)
- Black (9%)




- Cyan (9%)
- Magenta (35%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1242, 49.3495, 68.6966 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 59.1242, 49.3495, 68.6966 by changing the saturation by 10% instead.


 59.1242, 49.3495,
68.6966


 59.1242, 49.3495,
68.6966


411.2487,
384.1166, 474.6251

 42.9599, 34.8968,
49.9944

 102.6717, 89.2103,
119.0117

 30.0480, 23.5834,
35.0378

 130.7857,
115.3872, 151.4618

 20.0233, 15.0249,
23.4082


163.6135,
146.2410, 189.3316

 12.5203, 8.8368,
14.6871


201.5206,
182.1560, 233.0396

 7.1738, 4.6349,
8.4559

244.8723,
223.5167, 283.0044

 3.6183, 2.0347,
4.2961

294.0340,

 1.4886, 0.6275,

270.7074, 339.6446

1.7892

349.3710,
324.1126, 403.3786

■ 0.3180, 0.0000,
0.4208

■ 0.0000, 0.0000,
0.0000

■ 59.1242, 49.3495,
68.6966

■ 59.1242, 49.3495,
68.6966

■ 54.3659, 41.2735,
62.6675

■ 64.6944, 58.9811,
75.2030

■ 50.3731, 34.6634,
57.0961

■ 71.1109, 70.2386,
82.1993

■ 47.1013, 29.4304,
51.9652

■ 78.4116, 83.1959,
89.7011

■ 44.4995, 25.4734,
47.2550

■ 85.2741, 95.2076,
97.2702

■ 42.5097, 22.6771,
42.9434

■ 86.3886, 95.6534,
103.1393

■ 41.0633, 20.9056,
39.0046

■ 87.4147, 96.0639,
108.5427

■ 40.0583, 19.9558,
35.4016

■ 39.9469, 19.8607,
34.9701

Harmonies

Analogous

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



54.6735, 49.3495, 86.9868



59.1242, 49.3495, 68.6966



60.1678, 49.3495, 49.5920

Triad

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



59.1242, 49.3495, 68.6966



45.4360, 49.3495, 25.8576



37.7682, 49.3495, 77.7431

Complementary

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



59.1242, 49.3495, 68.6966



53.8365, 69.9742, 57.6857

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.



35.7505, 49.3495, 58.0988



59.1242, 49.3495, 68.6966



39.9100, 49.3495, 30.2615

Square

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



59.1242, 49.3495, 68.6966



51.8743, 49.3495, 27.4531



36.4976, 49.3495, 41.1176



42.2641, 49.3495, 92.9823

Rectangle

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



59.1242, 49.3495, 68.6966



58.7131, 49.3495, 39.3298



36.4976, 49.3495, 41.1176



36.7971, 49.3495, 71.2830

Sweetspot

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



59.1257, 49.3517, 68.6976



87.0239, 85.7667, 100.6174



48.6203, 43.6098, 82.9467



18.3670, 17.8997, 21.2599



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.



59.1257, 49.3517, 68.6976



68.6993, 53.9890, 79.4906



55.4195, 47.8693, 49.1814



15.5022, 15.2287, 17.9297



22.7248, 11.2926, 20.1500



1.8275, 0.9040, 1.8091

Inverse Universe

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



59.1257, 49.3517, 68.6976



68.6993, 53.9890, 79.4906



57.7319, 71.5324, 78.1985



15.5022, 15.2287, 17.9297



22.7248, 11.2926, 20.1500



1.8275, 0.9040, 1.8091

Previews

White Background



This preview shows how the XYZ color 59.1242, 49.3495, 68.6966 looks on a white background.

Color Contrast Check

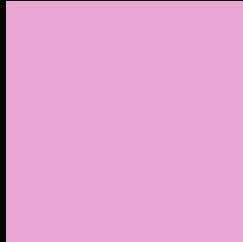
Large Text (above 18pt) WCAG AA × Fail

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 59.1242, 49.3495, 68.6966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

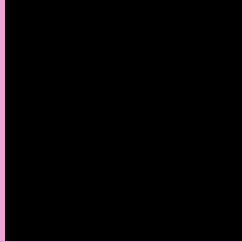
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1242, 49.3495, 68.6966

Background



This preview shows how black text looks on a background with the XYZ color 59.1242, 49.3495, 68.6966.



This preview shows how white text looks on a background with the XYZ color 59.1242, 49.3495,

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

59.1242, 49.3495, 68.6966

Protanopia

49.2997, 49.5991, 78.2094

Deuteranopia

50.7422, 49.6614, 67.2328



Tritanopia

55.8478, 49.4095, 51.9409

Trichromacy



Original Color

59.1242, 49.3495, 68.6966



Protanomaly

52.1274, 49.0139, 74.4234



Deuteranomaly

53.4527, 49.2591, 67.6635



Tritanomaly

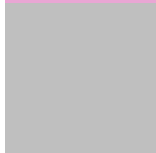
56.8806, 49.2599, 57.5491

Monochromacy



Original Color

59.1242, 49.3495, 68.6966



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.4904, 50.7012, 61.0526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1242, 49.3495, 68.6966 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, 166, 212)` looks like.

```
.text, #text, p{  
    color:rgb(233, 166, 212)  
}
```

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, 166, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 166, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.1242, 49.3495, 68.6966 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, 166, 212) }
```


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

```
.border{ border-color:rgb(233, 166, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 166, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 166, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 166, 212);  
box-shadow:4px 4px 4px 4px rgb(233, 166,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1242, 49.3495, 68.6966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 166, 212) }
```

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

```
.background{ background-color: rgb(233,  
166, 212) }
```

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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