

Converting Colors

XYZ(59.8912, 54.9324, 70.3972)

Have a look what the booklet for
XYZ(59.8912, 54.9324, 70.3972)
contains.

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Color

**XYZ(59.8912, 54.9324,
70.3972)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B8D5
RGB	224, 184, 213
RGB Percent	88%, 72%, 84%
CMY	0.1216, 0.2784, 0.1647
CMYK	0.00, 0.18, 0.05, 0.12
HSL	317°, 39%, 80%
HSV	317°, 18%, 88%
XYZ	59.8912, 54.9324, 70.3972
YIQ	199.2660, 14.5310, 17.4990

Conversions

Conversions Part 2

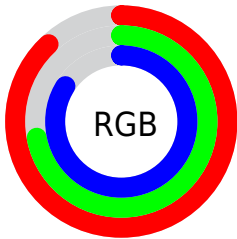
Format	Color
RYB	224, 184, 213
Decimal	14727381
CIELab	79.00, 19.17, -9.14
CIELCh	79, 21.235, 334.497
Yxy	54.9324, 0.3234, 0.2966
Android (android.graphics.Color)	4292917461 (0xFFE0B8D5)
YUV	199.2660, 6.7709, 21.6917
Hunter-Lab	74.1164, 14.5367, -4.4333

Details

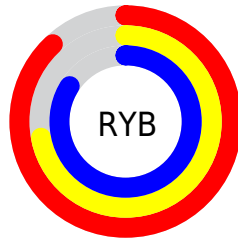
The XYZ color **59.8912, 54.9324, 70.3972** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.2753, 67.4433, 61.6847**, and the grayscale version is **54.4039, 57.2371, 62.3312**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **30.4363, 27.0261, 35.9601** is the 20% darker color. If you saturate the color by 10%, you get **54.8347, 46.0465, 64.9271**, and if you desaturate by 10%, it is **65.7174, 65.3086, 76.2717**.

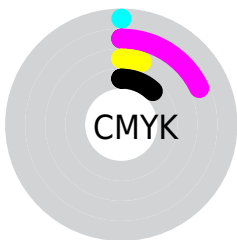
Distribution



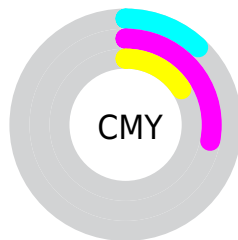
- Red (88%)
- Green (72%)
- Blue (84%)



- Red (88%)
- Yellow (72%)
- Blue (84%)



- Cyan (0%)
- Magenta (18%)
- Yellow (5%)
- Black (12%)





- Cyan (12%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8912, 54.9324, 70.3972 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 59.8912, 54.9324, 70.3972 by changing the saturation by 10% instead.


 59.8912, 54.9324,
70.3972

 59.8912, 54.9324,
70.3972


414.0378,
405.6556, 480.7702

 43.5801, 39.3476,
51.3716


 103.7791, 97.4419,
121.4614

 30.5370, 27.0302,
36.1257


132.0865,
125.1354, 154.3372

 20.3966, 17.5959,
24.2408


165.1234,
157.6339, 192.6667

 12.7936, 10.6603,
15.2985

203.2552,
195.3218, 236.8686

 7.3626, 5.8389,
8.8802

246.8472,
238.5836, 287.3613

 3.7382, 2.7474,
4.5674

296.2647,

 1.5551, 1.0013,

287.8035, 344.5634

1.9415

351.8731,
343.3661, 408.8936

■ 0.3629, 0.0000,
0.5189

■ 0.0000, 0.0000,
0.0000

■ 59.8912, 54.9324,
70.3972

■ 59.8912, 54.9324,
70.3972

■ 54.8347, 46.0465,
64.9271

■ 65.7174, 65.3086,
76.2717

■ 50.5082, 38.5742,
59.8446

■ 72.3410, 77.2324,
82.5596

■ 46.8755, 32.4431,
55.1368

■ 79.7944, 90.7673,
89.2738

■ 43.8954, 27.5714,
50.7882

■ 81.8811, 93.5196,
94.3503

41.5225, 23.8684,
46.7819

82.8003, 93.8873,
99.1904

39.7048, 21.2311,
43.0990

83.7507, 94.2674,
104.1951

38.3815, 19.5384,
39.7174

84.5508, 94.5875,
108.4086

37.4682, 18.6219,
36.6072

37.2976, 18.4702,
35.9659

Harmonies

Analogous

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



56.9484, 54.9324, 81.1051



59.8912, 54.9324, 70.3972



60.7350, 54.9324, 58.0065

Triad

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



59.8912, 54.9324, 70.3972



51.5773, 54.9324, 39.4894



45.7994, 54.9324, 73.9781

Complementary

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



59.8912, 54.9324, 70.3972



56.2753, 67.4433, 61.6847

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.



44.5255, 54.9324, 61.6547



59.8912, 54.9324, 70.3972



47.7450, 54.9324, 42.6157

Square

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



59.8912, 54.9324, 70.3972



55.7875, 54.9324, 41.1771



45.2182, 54.9324, 50.3450



48.7919, 54.9324, 83.3604

Rectangle

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



59.8912, 54.9324, 70.3972



59.9572, 54.9324, 50.6755



45.2182, 54.9324, 50.3450



45.1635, 54.9324, 69.9856

Sweetspot

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



59.8928, 54.9348, 70.3984



90.5571, 91.9094, 104.6425



53.0170, 51.2234, 77.6146



19.2525, 19.4382, 22.2722



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.



59.8928, 54.9348, 70.3984



78.0004, 69.5509, 91.9639



57.5458, 53.9960, 58.0391



14.1258, 13.8679, 16.4325



21.7605, 10.7712, 21.2023



1.5455, 0.7615, 1.6654

Inverse Universe

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



59.8928, 54.9348, 70.3984



78.0004, 69.5509, 91.9639



58.6476, 68.3922, 74.1770



14.1258, 13.8679, 16.4325



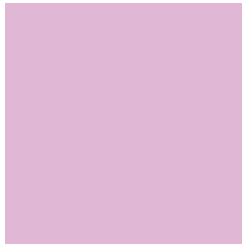
21.7605, 10.7712, 21.2023



1.5455, 0.7615, 1.6654

Previews

White Background



This preview shows how the XYZ color 59.8912, 54.9324, 70.3972 looks on a white background.

Color Contrast Check

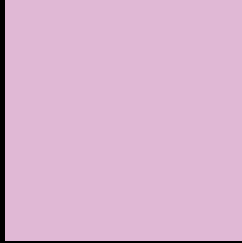
Large Text (above 18pt) WCAG AA × Fail

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 59.8912, 54.9324, 70.3972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

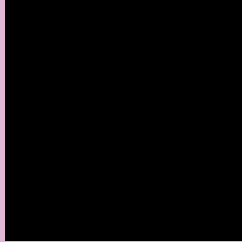
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8912, 54.9324, 70.3972

Background



This preview shows how black text looks on a background with the XYZ color 59.8912, 54.9324, 70.3972.



This preview shows how white text looks on a background with the XYZ color 59.8912, 54.9324,

70.3972.

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

59.8912, 54.9324, 70.3972

Protanopia

53.9483, 54.9573, 75.4746

Deuteranopia

56.3095, 54.9903, 69.9337



Tritanopia

58.2257, 54.8645, 62.7794

Trichromacy



Original Color

59.8912, 54.9324, 70.3972

Protanomaly

55.8397, 54.6740, 73.2557

Deuteranomaly

57.5984, 55.0160, 69.8707

Tritanomaly

58.7998, 54.7937, 65.2348

Monochromacy



Original Color

59.8912, 54.9324, 70.3972

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.2033, 56.3531, 65.0417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8912, 54.9324, 70.3972 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(224, 184, 213)` looks like.

```
.text, #text, p{  
    color:rgb(224, 184, 213)  
}
```

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(224, 184, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 184, 213) }
```

Border

The CSS property to change the border of an element to XYZ 59.8912, 54.9324, 70.3972 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(224, 184, 213) }
```


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

```
.border{ border-color:rgb(224, 184, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 184, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 184, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 184, 213);  
box-shadow:4px 4px 4px 4px rgb(224, 184,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8912, 54.9324, 70.3972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 184, 213) }
```

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

```
.background{ background-color: rgb(224,  
184, 213) }
```

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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