

Converting Colors

XYZ(59.5309, 48.8024, 66.6038)

Have a look what the booklet for
XYZ(59.5309, 48.8024, 66.6038)
contains.

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Color

**XYZ(59.5309, 48.8024,
66.6038)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA3D1
RGB	237, 163, 209
RGB Percent	93%, 64%, 82%
CMY	0.0706, 0.3608, 0.1804
CMYK	0.00, 0.31, 0.12, 0.07
HSL	323°, 67%, 78%
HSV	323°, 31%, 93%
XYZ	59.5309, 48.8024, 66.6038
YIQ	190.3700, 29.3380, 29.9940

Conversions

Conversions Part 2

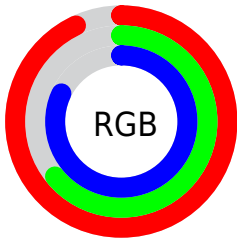
Format	Color
R _Y B	237, 163, 209
Decimal	15573969
CIE Lab	75.33, 34.14, -12.31
CIE LCh	75, 36.294, 340.167
Yxy	48.8024, 0.3403, 0.2790
Android (android.graphics.Color)	4293764049 (0xFFEDA3D1)
YUV	190.3700, 9.1846, 40.8945
Hunter-Lab	69.8587, 29.8581, -7.6264

Details

The XYZ color **59.5309, 48.8024, 66.6038** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.7945, 72.1179, 60.3257**, and the grayscale version is **49.0949, 51.6517, 56.2487**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **30.3147, 23.2217, 33.8948** is the 20% darker color. If you saturate the color by 10%, you get **54.6315, 40.7302, 59.6461**, and if you desaturate by 10%, it is **65.2842, 58.4810, 74.1556**.

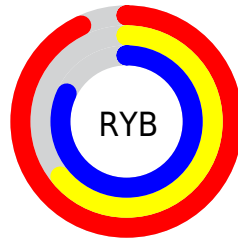
Distribution



Red (93%)

Green (64%)

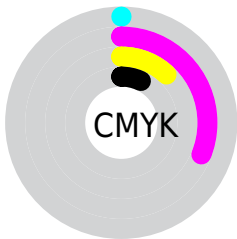
Blue (82%)



Red (93%)

Yellow (64%)

Blue (82%)

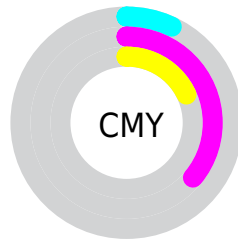


Cyan (0%)

Magenta (31%)

Yellow (12%)

Black (7%)



Cyan (7%)


Magenta (36%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5309, 48.8024, 66.6038 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 59.5309, 48.8024, 66.6038 by changing the saturation by 10% instead.


 59.5309, 48.8024,
66.6038


 59.5309, 48.8024,
66.6038


412.7290,
381.9639, 466.9962

 43.2887, 34.4628,
48.3031


 103.2591, 88.3979,
115.9878

 30.3072, 23.2493,
33.7053


 131.4758,
114.4226, 147.9082

 20.2211, 14.7777,
22.3918


164.4146,
145.1110, 185.2055

 12.6650, 8.6635,
13.9440

202.4410,
180.8476, 228.2984

 7.2737, 4.5224,
7.9434

245.9203,
222.0168, 277.6054

 3.6817, 1.9699,
3.9715

295.2178,

 1.5237, 0.5899,

269.0030, 333.5450

1.6097

350.6989,
322.1906, 396.5358

■ 0.3419, 0.0000,
0.2977

■ 0.0000, 0.0000,
0.0000

■ 59.5309, 48.8024,
66.6038

■ 59.5309, 48.8024,
66.6038

■ 54.6315, 40.7302,
59.6461

■ 65.2842, 58.4810,
74.1556

■ 50.5365, 34.1692,
53.2593

■ 71.9288, 69.8412,
82.3174

■ 47.1978, 29.0240,
47.4229

■ 79.5050, 82.9614,
91.1077

■ 44.5602, 25.1859,
42.1131

■ 87.1475, 96.1096,
100.2430

■ 42.5603, 22.5301,
37.3034

■ 88.5495, 96.6703,
107.6254

■ 41.1225, 20.9069,
32.9630

■ 88.7354, 96.7447,
108.6045

■ 40.2169, 20.1213,
29.4995

Harmonies

Analogous

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



55.1625, 48.8024, 86.4512



59.5309, 48.8024, 66.6038



60.1941, 48.8024, 46.9118

Triad

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



59.5309, 48.8024, 66.6038



44.1571, 48.8024, 24.5559



37.2557, 48.8024, 80.5359

Complementary

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



59.5309, 48.8024, 66.6038



54.7945, 72.1179, 60.3257

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.



34.8683, 48.8024, 59.8911



59.5309, 48.8024, 66.6038



38.5922, 48.8024, 29.7148

Square

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



59.5309, 48.8024, 66.6038



50.8756, 48.8024, 25.5261



35.3329, 48.8024, 41.6209



42.1672, 48.8024, 95.7372

Rectangle

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



59.5309, 48.8024, 66.6038



58.3849, 48.8024, 36.7292



35.3329, 48.8024, 41.6209



36.1538, 48.8024, 73.8233

Sweetspot

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



59.5323, 48.8046, 66.6048



86.7937, 85.6746, 99.4054



49.6539, 43.2758, 85.8575



18.3101, 17.8770, 20.9606



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.



59.5323, 48.8046, 66.6048



66.7492, 51.7577, 73.6957



55.5540, 47.2133, 45.6552



15.4592, 15.2115, 17.7032



22.0226, 11.0117, 16.4522



1.7758, 0.8833, 1.5369

Inverse Universe

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



59.5323, 48.8046, 66.6048



66.7492, 51.7577, 73.6957



59.2737, 73.9096, 83.9127



15.4592, 15.2115, 17.7032



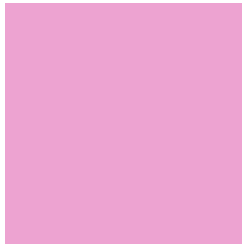
22.0226, 11.0117, 16.4522



1.7758, 0.8833, 1.5369

Previews

White Background



This preview shows how the XYZ color 59.5309, 48.8024, 66.6038 looks on a white background.

Color Contrast Check

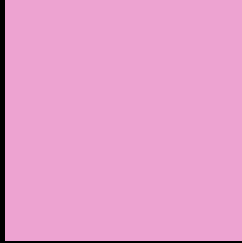
Large Text (above 18pt) WCAG AA × Fail

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 59.5309, 48.8024, 66.6038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

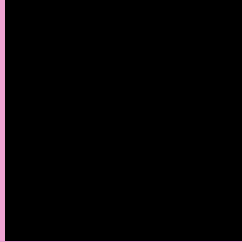
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5309, 48.8024, 66.6038

Background



This preview shows how black text looks on a background with the XYZ color 59.5309, 48.8024, 66.6038.



This preview shows how white text looks on a background with the XYZ color 59.5309, 48.8024,

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

59.5309, 48.8024, 66.6038

Protanopia

48.8199, 49.0737, 76.7111

Deuteranopia

50.1701, 49.1061, 65.2267



Tritanopia

56.2748, 48.8339, 50.1759

Trichromacy



Original Color

59.5309, 48.8024, 66.6038



Protanomaly

51.7334, 48.2547, 72.9171



Deuteranomaly

52.9769, 48.4787, 65.5966



Tritanomaly

57.3011, 48.6962, 55.6694

Monochromacy



Original Color

59.5309, 48.8024, 66.6038



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.1314, 49.9391, 59.7149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5309, 48.8024, 66.6038 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(237, 163, 209)` looks like.

```
.text, #text, p{  
    color:rgb(237, 163, 209)  
}
```

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(237, 163, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 163, 209) }
```

Border

The CSS property to change the border of an element to XYZ 59.5309, 48.8024, 66.6038 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(237, 163, 209) }
```


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

```
.border{ border-color:rgb(237, 163, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 163, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 163, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 163, 209);  
box-shadow:4px 4px 4px 4px rgb(237, 163,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5309, 48.8024, 66.6038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 163, 209) }
```

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

```
.background{ background-color: rgb(237,  
163, 209) }
```

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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