

Converting Colors

XYZ(59.0957, 48.2898, 79.6050)

Have a look what the booklet for
XYZ(59.0957, 48.2898, 79.6050)
contains.

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Color

**XYZ(59.0957, 48.2898,
79.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	E4A3E4
RGB	228, 163, 228
RGB Percent	89%, 64%, 89%
CMY	0.1059, 0.3608, 0.1059
CMYK	0.00, 0.29, 0.00, 0.11
HSL	300°, 55%, 77%
HSV	300°, 29%, 89%
XYZ	59.0957, 48.2898, 79.6050
YIQ	189.8450, 17.8750, 33.9950

Conversions

Conversions Part 2

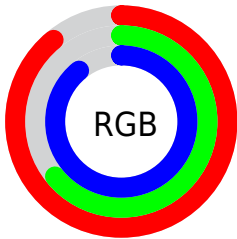
Format	Color
R _Y B	228, 163, 228
Decimal	14984164
CIE Lab	75.01, 34.48, -23.26
CIE LCh	75, 41.594, 325.992
Yxy	48.2898, 0.3160, 0.2582
Android (android.graphics.Color)	4293174244 (0xFFE4A3E4)
YUV	189.8450, 18.8104, 33.4619
Hunter-Lab	69.4909, 30.1891, -19.2758

Details

The XYZ color **59.0957, 48.2898, 79.6050** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.4605, 65.9193, 44.7698**, and the grayscale version is **48.7437, 51.2822, 55.8463**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **30.0356, 22.9011, 41.8670** is the 20% darker color. If you saturate the color by 10%, you get **55.4072, 40.9118, 78.3759**, and if you desaturate by 10%, it is **63.5171, 57.1315, 81.0794**.

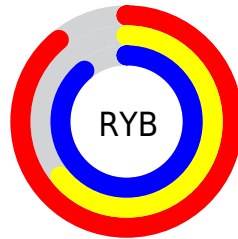
Distribution



Red (89%)

Green (64%)

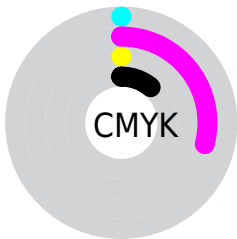
Blue (89%)



Red (89%)

Yellow (64%)

Blue (89%)

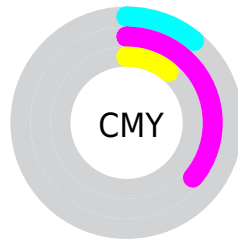


Cyan (0%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0957, 48.2898, 79.6050 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 59.0957, 48.2898, 79.6050 by changing the saturation by 10% instead.


 59.0957, 48.2898,
79.6050


 59.0957, 48.2898,
79.6050


411.1448,
379.9397, 513.2723

 42.9368, 34.0564,
58.8691


 102.6306, 87.6357,
134.6166

 30.0299, 22.9370,
42.0884

 130.7373,
113.5171, 169.7294

 20.0094, 14.5470,
28.8445


163.5573,
144.0499, 210.4716

 12.5102, 8.5021,
18.7186

201.4560,
179.6186, 257.2617

 7.1668, 4.4179,
11.2924

244.7988,
220.6075, 310.5183

 3.6139, 1.9099,
6.1472

293.9509,

 1.4861, 0.5543,

267.4011, 370.6599

2.8646

349.2778,
320.3837, 438.1051

■ 0.3164, 0.0000,
1.0259

■ 0.0000, 0.0000,
0.0000

■ 59.0957, 48.2898,
79.6050

■ 59.0957, 48.2898,
79.6050

■ 55.4072, 40.9118,
78.3759

■ 63.5171, 57.1315,
81.0794

■ 52.4076, 34.9128,
77.3759

■ 68.7029, 67.5033,
82.8082

■ 50.0557, 30.2091,
76.5918

■ 74.6888, 79.4749,
84.8036

■ 48.3038, 26.7052,
76.0077

■ 81.5064, 93.1100,
87.0762

47.0975, 24.2927,
75.6055

81.7592, 93.6158,
87.1607

46.3729, 22.8435,
75.3639

81.7593, 93.6158,
87.1608

46.0359, 22.1695,
75.2514

81.7593, 93.6158,
87.1609

45.9989, 22.0956,
75.2391

81.7593, 93.6158,
87.1611

81.7593, 93.6158,
87.1612

Harmonies

Analogous

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



52.5982, 48.2898, 99.8301



59.0957, 48.2898, 79.6050



62.0571, 48.2898, 55.5568

Triad

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



59.0957, 48.2898, 79.6050



46.9262, 48.2898, 20.9259



33.9857, 48.2898, 73.1147

Complementary

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



59.0957, 48.2898, 79.6050



49.4605, 65.9193, 44.7698

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.



32.8199, 48.2898, 49.7103



59.0957, 48.2898, 79.6050



39.7924, 48.2898, 23.2391

Square

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



59.0957, 48.2898, 79.6050



54.5579, 48.2898, 24.9766



34.8279, 48.2898, 32.4886



38.2067, 48.2898, 95.4151

Rectangle

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



59.0957, 48.2898, 79.6050



61.4122, 48.2898, 41.8808



34.8279, 48.2898, 32.4886



33.2450, 48.2898, 64.9605

Sweetspot

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



59.0972, 48.2919, 79.6060



88.1607, 86.2214, 106.6034



42.2072, 39.5848, 78.8160



18.6488, 18.0124, 22.7438



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.



59.0972, 48.2919, 79.6060



73.3480, 56.5961, 101.6654



55.0008, 46.6534, 58.0348



14.9952, 14.6153, 18.1750



26.5611, 12.7587, 43.4452



1.9628, 0.9428, 3.2105

Inverse Universe

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



59.0972, 48.2919, 79.6060



73.3480, 56.5961, 101.6654



52.7565, 67.2376, 62.1262



14.9952, 14.6153, 18.1750



26.5611, 12.7587, 43.4452



1.9628, 0.9428, 3.2105

Previews

White Background



This preview shows how the XYZ color 59.0957, 48.2898, 79.6050 looks on a white background.

Color Contrast Check

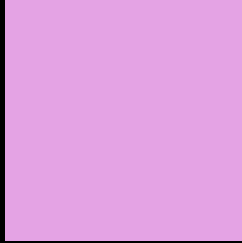
Large Text (above 18pt) WCAG AA × Fail

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 59.0957, 48.2898, 79.6050 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 59.0957, 48.2898, 79.6050

Background



This preview shows how black text looks on a background with the XYZ color 59.0957, 48.2898, 79.6050.



This preview shows how white text looks on a background with the XYZ color 59.0957, 48.2898,

79.6050.

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

59.0957, 48.2898, 79.6050

Protanopia

49.3227, 48.7128, 90.8073

Deuteranopia

49.6429, 48.5513, 77.9890



Tritanopia

53.4441, 48.1582, 52.3776

Trichromacy



Original Color

59.0957, 48.2898, 79.6050



Protanomaly

52.0466, 48.1122, 86.6642



Deuteranomaly

52.4167, 47.9052, 78.4355



Tritanomaly

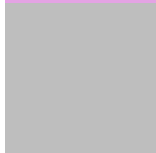
55.2857, 48.0696, 61.6228

Monochromacy



Original Color

59.0957, 48.2898, 79.6050



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.1222, 49.8395, 63.9996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0957, 48.2898, 79.6050 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(228, 163, 228)` looks like.

```
.text, #text, p{  
    color:rgb(228, 163, 228)  
}
```

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(228, 163, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 163, 228) }
```

Border

The CSS property to change the border of an element to XYZ 59.0957, 48.2898, 79.6050 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(228, 163, 228) }
```


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

```
.border{ border-color:rgb(228, 163, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 163, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 163, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 163, 228); box-shadow:4px 4px 4px 4px rgb(228, 163, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0957, 48.2898, 79.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 163, 228) }
```

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

```
.background{ background-color: rgb(228,  
163, 228) }
```

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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