

Converting Colors

XYZ(59.6282, 48.2530, 71.5174)

Have a look what the booklet for
XYZ(59.6282, 48.2530, 71.5174)
contains.

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Color

**XYZ(59.5302, 48.1617,
71.8042)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA1D9
RGB	235, 161, 217
RGB Percent	92%, 63%, 85%
CMY	0.0784, 0.3686, 0.1490
CMYK	0.00, 0.31, 0.08, 0.08
HSL	315°, 65%, 78%
HSV	315°, 31%, 92%
XYZ	59.5302, 48.1617, 71.8042
YIQ	189.5100, 26.1280, 33.1040

Conversions

Conversions Part 2

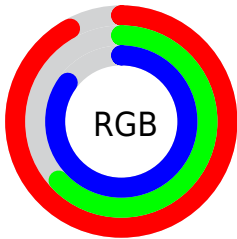
Format	Color
RYB	235, 161, 217
Decimal	15442393
CIELab	74.93, 35.87, -17.31
CIELCh	75, 39.830, 334.234
Yxy	48.1617, 0.3317, 0.2683
Android (android.graphics.Color)	4293632473 (0xFFEBA1D9)
YUV	189.5100, 13.5526, 39.8947
Hunter-Lab	69.3986, 31.6698, -12.7661

Details

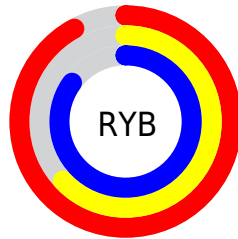
The XYZ color **59.5302, 48.1617, 71.8042** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.5450, 70.2498, 53.4410**, and the grayscale version is **48.5774, 51.1072, 55.6558**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **30.2442, 22.7987, 36.9890** is the 20% darker color. If you saturate the color by 10%, you get **55.0726, 40.4152, 66.7134**, and if you desaturate by 10%, it is **64.7883, 57.4663, 77.2900**.

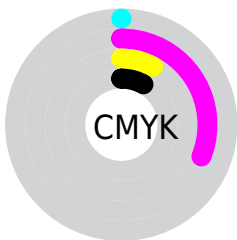
Distribution



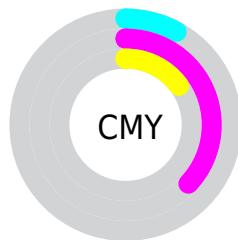
- Red (92%)
- Green (63%)
- Blue (85%)



- Red (92%)
- Yellow (63%)
- Blue (85%)



- Cyan (0%)
- Magenta (31%)
- Yellow (8%)
- Black (8%)





- Cyan (8%)
- Magenta (37%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5302, 48.1617, 71.8042 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 59.5302, 48.1617, 71.8042 by changing the saturation by 10% instead.


 59.5302, 48.1617,
71.8042


 59.5302, 48.1617,
71.8042


412.7265,
379.4327, 485.8190

 43.2881, 33.9550,
52.5129

 103.2581, 87.4451,
123.4832

 30.3067, 22.8590,
37.0290


 131.4746,
113.2906, 156.7081

 20.2207, 14.4894,
24.9340


164.4132,
143.7844, 195.4144

 12.6648, 8.4618,
15.8093

202.4394,
179.3110, 240.0210

 7.2735, 4.3919,
9.2364

245.9185,
220.2547, 290.9461

 3.6816, 1.8951,
4.7968

295.2158,

 1.5236, 0.5454,

267.0000, 348.6085

2.0719

350.6966,
319.9312, 413.4266

■ 0.3418, 0.0000,
0.5990

■ 0.0000, 0.0000,
0.0000

■ 59.5302, 48.1617,
71.8042

■ 59.5302, 48.1617,
71.8042

■ 55.0726, 40.4152,
66.7134

■ 64.7883, 57.4663,
77.2900

■ 51.3673, 34.1335,
61.9986

■ 70.8826, 68.4025,
83.1823

■ 48.3682, 29.2234,
57.6438

■ 77.8520, 81.0470,
89.4960

■ 46.0215, 25.5784,
53.6297

■ 85.7298, 95.4657,
96.2432

■ 44.2659, 23.0760,
49.9345

■ 86.5921, 95.8107,
100.7839

■ 43.0277, 21.5693,
46.5324

■ 87.4813, 96.1664,
105.4667

■ 42.2806, 20.8701,
43.8325

■ 88.0713, 96.4023,
108.5734

Harmonies

Analogous

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



54.0850, 48.1617, 92.9115



59.5302, 48.1617, 71.8042



61.1526, 48.1617, 49.5442

Triad

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



59.5302, 48.1617, 71.8042



44.7536, 48.1617, 21.8261



35.1803, 48.1617, 78.2924

Complementary

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



59.5302, 48.1617, 71.8042



52.5450, 70.2498, 53.4410

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.



33.2211, 48.1617, 55.4463



59.5302, 48.1617, 71.8042



38.3653, 48.1617, 25.8502

Square

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



59.5302, 48.1617, 71.8042



52.1150, 48.1617, 24.0523



34.3229, 48.1617, 36.9134



39.9736, 48.1617, 97.2994

Rectangle

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



59.5302, 48.1617, 71.8042



59.7184, 48.1617, 37.6855



34.3229, 48.1617, 36.9134



34.1929, 48.1617, 70.6160

Sweetspot

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



59.5317, 48.1639, 71.8052



87.2747, 85.8670, 101.9382



46.1638, 40.9870, 84.0762



18.4290, 17.9245, 21.5865



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.



59.5317, 48.1639, 71.8052



67.9683, 51.5416, 82.2850



55.3208, 46.4795, 49.6308



15.5491, 15.2475, 18.1767



23.5837, 11.6362, 24.6729



1.8892, 0.9287, 2.1342

Inverse Universe

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



59.5317, 48.1639, 71.8052



67.9683, 51.5416, 82.2850



56.7081, 71.9151, 75.3635



15.5491, 15.2475, 18.1767



23.5837, 11.6362, 24.6729



1.8892, 0.9287, 2.1342

Previews

White Background



This preview shows how the XYZ color 59.5302, 48.1617, 71.8042 looks on a white background.

Color Contrast Check

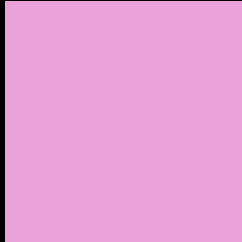
Large Text (above 18pt) WCAG AA × Fail

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 59.5302, 48.1617, 71.8042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

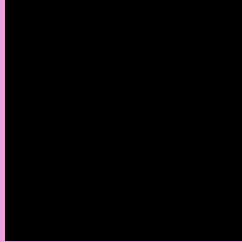
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5302, 48.1617, 71.8042

Background



This preview shows how black text looks on a background with the XYZ color 59.5302, 48.1617, 71.8042.



This preview shows how white text looks on a background with the XYZ color 59.5302, 48.1617,

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

59.5302, 48.1617, 71.8042

Protanopia

48.7326, 48.5774, 83.1518

Deuteranopia

49.3178, 48.2654, 69.6676



Tritanopia

54.9762, 48.1645, 50.1152

Trichromacy



Original Color

59.5302, 48.1617, 71.8042



Protanomaly

51.9601, 47.9418, 79.1881



Deuteranomaly

52.5348, 47.8640, 70.0881



Tritanomaly

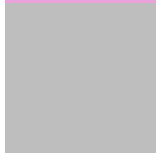
56.4714, 47.9611, 57.3200

Monochromacy



Original Color

59.5302, 48.1617, 71.8042



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

51.9990, 49.5321, 61.4636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5302, 48.1617, 71.8042 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(235, 161, 217)` looks like.

```
.text, #text, p{  
    color:rgb(235, 161, 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(235, 161, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 161, 217) }
```

Border

The CSS property to change the border of an element to XYZ 59.5302, 48.1617, 71.8042 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(235, 161, 217) }
```


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

```
.border{ border-color:rgb(235, 161, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 161, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 161, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 161, 217);  
box-shadow:4px 4px 4px 4px rgb(235, 161,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5302, 48.1617, 71.8042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 161, 217) }
```

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

```
.background{ background-color: rgb(235,  
161, 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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