

Converting Colors

XYZ(47.9712, 39.7824, 50.2456)

Have a look what the booklet for
XYZ(47.9712, 39.7824, 50.2456)
contains.

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Color

**XYZ(48.0144, 39.7073,
50.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	D995B8
RGB	217, 149, 184
RGB Percent	85%, 58%, 72%
CMY	0.1490, 0.4157, 0.2784
CMYK	0.00, 0.31, 0.15, 0.15
HSL	329°, 47%, 72%
HSV	329°, 31%, 85%
XYZ	48.0144, 39.7073, 50.4810
YIQ	173.3220, 29.2930, 25.3010

Conversions

Conversions Part 2

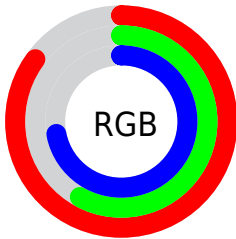
Format	Color
R _Y B	217, 149, 184
Decimal	14259640
CIE Lab	69.26, 30.71, -7.79
CIE LCh	69, 31.683, 345.762
Yxy	39.7073, 0.3474, 0.2873
Android (android.graphics.Color)	4292449720 (0xFFD995B8)
YUV	173.3220, 5.2643, 38.3056
Hunter-Lab	63.0137, 25.7371, -3.3883

Details

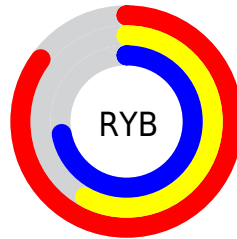
The XYZ color **48.0144, 39.7073, 50.4810** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.6524, 59.3937, 53.3167**, and the grayscale version is **39.8493, 41.9245, 45.6558**.

A 20% lighter version of the original color is **78.5610, 70.7370, 91.9511**, and **23.0694, 17.7651, 23.6859** is the 20% darker color. If you saturate the color by 10%, you get **43.8326, 33.0449, 43.8418**, and if you desaturate by 10%, it is **52.9203, 47.6855, 57.7680**.

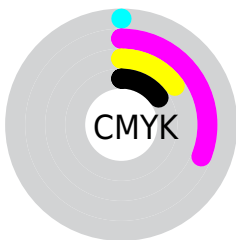
Distribution



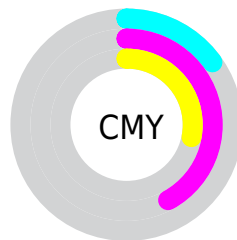
- Red (85%)
- Green (58%)
- Blue (72%)



- Red (85%)
- Yellow (58%)
- Blue (72%)



- Cyan (0%)
- Magenta (31%)
- Yellow (15%)
- Black (15%)





- Cyan (15%)
- Magenta (42%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0144, 39.7073, 50.4810 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 48.0144, 39.7073, 50.4810 by changing the saturation by 10% instead.


 48.0144, 39.7073,
50.4810


 48.0144, 39.7073,
50.4810


369.4308,
344.8883, 405.3328

 34.0496, 27.3104,
35.4219


 86.4354, 74.7176,
92.2908

 23.0948, 17.8065,
23.7019

 111.6223, 98.0998,
119.8785

 14.7846, 10.8111,
14.9025


141.2806,
125.9125, 152.4795

 8.7537, 5.9400,
8.6051


175.7757,
158.5402, 190.5124

 4.6367, 2.8086,
4.3912

215.4729,
196.3672, 234.3956

 2.0683, 1.0327,
1.8423

260.7376,

 0.6719, 0.0000,

239.7780, 284.5477

0.4557

311.9351,
289.1569, 341.3873

■ 0.0000, 0.0000,
0.0000

■ 48.0144, 39.7073,
50.4810

■ 48.0144, 39.7073,
50.4810

■ 43.8326, 33.0449,
43.8418

■ 52.9203, 47.6855,
57.7680

■ 40.3342, 27.6208,
37.8266

■ 58.5814, 57.0403,
65.7204

■ 37.4792, 23.3581,
32.4137

■ 65.0312, 67.8354,
74.3580

■ 35.2223, 20.1686,
27.5784

■ 72.2999, 80.1288,
83.6988

■ 33.5114, 17.9517,
23.2936

■ 79.6117, 92.3663,
93.4920

■ 32.2847, 16.5868,
19.5286

■ 81.1933, 92.9989,
101.8209

■ 31.5226, 15.9146,
16.6479

■ 82.4254, 93.4918,
108.3092

Harmonies

Analogous

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



45.1747, 39.7073, 65.8164



48.0144, 39.7073, 50.4810



47.9356, 39.7073, 36.0768

Triad

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



48.0144, 39.7073, 50.4810



35.1507, 39.7073, 21.5254



31.3323, 39.7073, 66.5144

Complementary

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



48.0144, 39.7073, 50.4810



45.6524, 59.3937, 53.3167

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.



29.1045, 39.7073, 51.2814



48.0144, 39.7073, 50.4810



31.1704, 39.7073, 26.5175

Square

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



48.0144, 39.7073, 50.4810



40.1926, 39.7073, 21.4048



29.0480, 39.7073, 36.7169



35.3904, 39.7073, 76.3854

Rectangle

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



48.0144, 39.7073, 50.4810



46.2282, 39.7073, 28.8686



29.0480, 39.7073, 36.7169



30.3612, 39.7073, 61.7160

Sweetspot

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



48.0156, 39.7091, 50.4818



86.4188, 85.5246, 97.4311



42.5334, 36.4356, 70.4370



18.2177, 17.8400, 20.4740



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.



48.0156, 39.7091, 50.4818



64.8657, 50.3005, 65.9467



44.8799, 38.4549, 33.9698



13.3344, 13.1629, 15.0222



19.1356, 9.6553, 10.3603



1.2832, 0.6429, 0.9002

Inverse Universe

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



48.0156, 39.7091, 50.4818



64.8657, 50.3005, 65.9467



49.5859, 60.9671, 74.0302



13.3344, 13.1629, 15.0222



19.1356, 9.6553, 10.3603



1.2832, 0.6429, 0.9002

Previews

White Background



This preview shows how the XYZ color 48.0144, 39.7073, 50.4810 looks on a white background.

Color Contrast Check

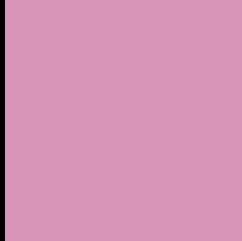
Large Text (above 18pt) WCAG AA × Fail

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 48.0144, 39.7073, 50.4810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

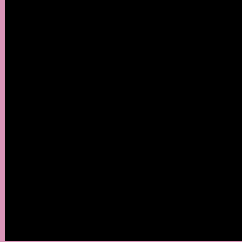
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0144, 39.7073, 50.4810

Background



This preview shows how black text looks on a background with the XYZ color 48.0144, 39.7073, 50.4810.



This preview shows how white text looks on a background with the XYZ color 48.0144, 39.7073,

50.4810.

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

48.0144, 39.7073, 50.4810

Protanopia

39.2763, 39.8833, 57.8527

Deuteranopia

40.8517, 40.0702, 49.2973



Tritanopia

46.1164, 39.9099, 40.3947

Trichromacy



Original Color

48.0144, 39.7073, 50.4810

Protanomaly

41.7877, 39.3628, 55.2645

Deuteranomaly

43.0898, 39.6430, 49.6368

Tritanomaly

46.8978, 39.9957, 43.7762

Monochromacy



Original Color

48.0144, 39.7073, 50.4810

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.1975, 40.5441, 47.1967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0144, 39.7073, 50.4810 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(217, 149, 184)` looks like.

```
.text, #text, p{  
    color:rgb(217, 149, 184)  
}
```

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(217, 149, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 149, 184) }
```

Border

The CSS property to change the border of an element to XYZ 48.0144, 39.7073, 50.4810 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(217, 149, 184) }
```


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

```
.border{ border-color:rgb(217, 149, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 149, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 149, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 149, 184);  
box-shadow:4px 4px 4px 4px rgb(217, 149,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0144, 39.7073, 50.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 149, 184) }
```

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

```
.background{ background-color: rgb(217,  
149, 184) }
```

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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