

Converting Colors

XYZ(49.5190, 42.5486, 50.0478)

Have a look what the booklet for
XYZ(49.5190, 42.5486, 50.0478)
contains.

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Color

**XYZ(49.4139, 42.3968,
49.8350)**

Conversions

Conversions Part 1

Format	Color
Hex	DA9DB6
RGB	218, 157, 182
RGB Percent	85%, 62%, 71%
CMY	0.1451, 0.3843, 0.2863
CMYK	0.00, 0.28, 0.17, 0.15
HSL	335°, 45%, 74%
HSV	335°, 28%, 85%
XYZ	49.4139, 42.3968, 49.8350
YIQ	178.0890, 28.3310, 20.7070

Conversions

Conversions Part 2

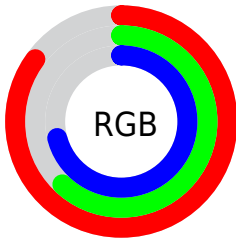
Format	Color
R _Y B	218, 157, 182
Decimal	14327222
CIE Lab	71.14, 26.42, -3.88
CIE LCh	71, 26.709, 351.641
Yxy	42.3968, 0.3489, 0.2993
Android (android.graphics.Color)	4292517302 (0xFFDA9DB6)
YUV	178.0890, 1.9281, 35.0019
Hunter-Lab	65.1128, 21.5156, 0.2006

Details

The XYZ color **49.4139, 42.3968, 49.8350** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.6034, 61.1622, 59.6988**, and the grayscale version is **42.3447, 44.5499, 48.5148**.

A 20% lighter version of the original color is **80.2161, 74.5200, 91.0449**, and **23.9143, 19.3695, 23.2471** is the 20% darker color. If you saturate the color by 10%, you get **44.7804, 35.1605, 42.0289**, and if you desaturate by 10%, it is **54.8301, 51.0019, 58.5058**.

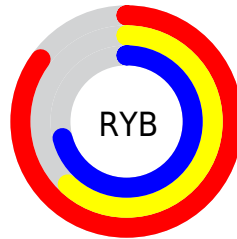
Distribution



Red (85%)

Green (62%)

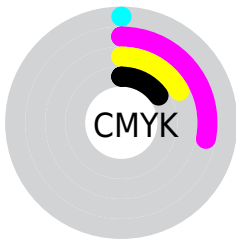
Blue (71%)



Red (85%)

Yellow (62%)

Blue (71%)

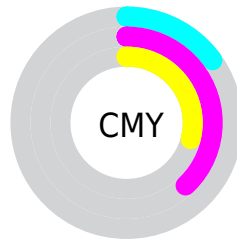


Cyan (0%)

Magenta (28%)

Yellow (17%)

Black (15%)



Cyan (15%)

Magenta (38%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.4139, 42.3968, 49.8350 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 49.4139, 42.3968, 49.8350 by changing the saturation by 10% instead.


 49.4139, 42.3968,
49.8350


 49.4139, 42.3968,
49.8350


374.8595,
356.1252, 402.7369

 35.1638, 29.4121,
34.9120


 88.5029, 78.7998,
91.3241

 23.9562, 19.3928,
23.3121


 114.0725,
102.9869, 118.7274

 15.4257, 11.9545,
14.6167


144.1461,
131.6770, 151.1279

 9.2069, 6.7127,
8.4072

179.0888,
165.2544, 188.9441

 4.9346, 3.2831,
4.2651

219.2662,
204.1035, 232.5945

 2.2433, 1.2812,
1.7719

265.0435,

 0.7654, 0.1266,

248.6088, 282.4978

0.4093

316.7862,
299.1545, 339.0724

0.0000, 0.0000,
0.0000

49.4139, 42.3968,
49.8350

49.4139, 42.3968,
49.8350

44.7804, 35.1605,
42.0289

54.8301, 51.0019,
58.5058

40.8876, 29.2158,
35.0559

61.0609, 61.0361,
68.0660

37.6951, 24.4870,
28.8862

68.1407, 72.5630,
78.5425

35.1569, 20.8876,
23.4867

76.1010, 85.6406,
89.9603

33.2211, 18.3200,
18.8217

81.3594, 93.0998,
101.1392

■ 31.8272, 16.6693,
14.8514

■ 82.7236, 93.6455,
108.3231

■ 30.8904, 15.7727,
11.5269

■ 30.7309, 15.6324,
10.9230

Harmonies

Analogous

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



47.4202, 42.3968, 63.1880



49.4139, 42.3968, 49.8350



48.8267, 42.3968, 37.6661

Triad

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



49.4139, 42.3968, 49.8350



37.2092, 42.3968, 26.8527



35.1943, 42.3968, 68.2829

Complementary

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



49.4139, 42.3968, 49.8350



48.6034, 61.1622, 59.6988

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.



32.8233, 42.3968, 55.8502



49.4139, 42.3968, 49.8350



33.9253, 42.3968, 32.5086

Square

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



49.4139, 42.3968, 49.8350



41.5595, 42.3968, 25.8388



32.3765, 42.3968, 42.6758



39.0601, 42.3968, 75.0546

Rectangle

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



49.4139, 42.3968, 49.8350



47.0683, 42.3968, 31.6610



32.3765, 42.3968, 42.6758



34.2082, 42.3968, 64.5291

Sweetspot

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



49.4151, 42.3987, 49.8359



87.0055, 86.9165, 96.9531



46.5998, 40.4609, 71.6837



18.3180, 18.1105, 20.2915



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.



49.4151, 42.3987, 49.8359



66.1767, 53.7276, 63.9021



47.9358, 43.2118, 37.7150



13.2761, 13.1396, 14.7154



18.4614, 9.3856, 6.8097



1.2381, 0.6249, 0.6630

Inverse Universe

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



49.4151, 42.3987, 49.8359



66.1767, 53.7276, 63.9021



50.3342, 59.7777, 75.2154



13.2761, 13.1396, 14.7154



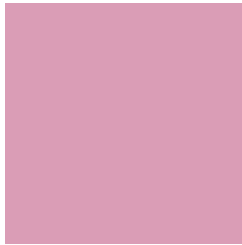
18.4614, 9.3856, 6.8097



1.2381, 0.6249, 0.6630

Previews

White Background



This preview shows how the XYZ color 49.4139, 42.3968, 49.8350 looks on a white background.

Color Contrast Check

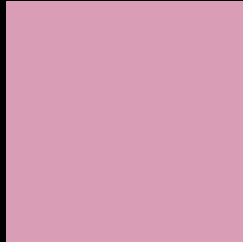
Large Text (above 18pt) WCAG AA × Fail

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 49.4139, 42.3968, 49.8350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

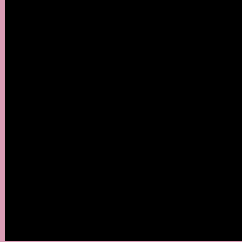
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.4139, 42.3968, 49.8350

Background



This preview shows how black text looks on a background with the XYZ color 49.4139, 42.3968, 49.8350.



This preview shows how white text looks on a background with the XYZ color 49.4139, 42.3968,

49.8350.

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

49.4139, 42.3968, 49.8350

Protanopia

41.4713, 42.4636, 55.8797

Deuteranopia

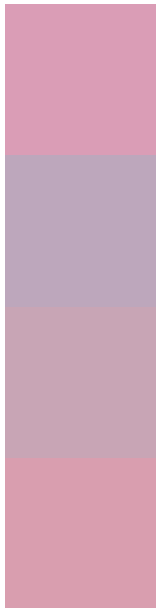
43.4125, 42.4900, 49.0933



Tritanopia

48.3641, 42.4883, 44.1801

Trichromacy



Original Color

49.4139, 42.3968, 49.8350

Protanomaly

43.8821, 42.0871, 53.3877

Deuteranomaly

45.6150, 42.5258, 49.5202

Tritanomaly

48.5800, 42.3006, 46.1618

Monochromacy



Original Color

49.4139, 42.3968, 49.8350

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.5037, 43.3416, 48.6680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4139, 42.3968, 49.8350 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(218, 157, 182)` looks like.

```
.text, #text, p{  
    color:rgb(218, 157, 182)  
}
```

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(218, 157, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 157, 182) }
```

Border

The CSS property to change the border of an element to XYZ 49.4139, 42.3968, 49.8350 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(218, 157, 182) }
```


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

```
.border{ border-color:rgb(218, 157, 182) }
```

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

Here you see how a box with a 4 pixel rgb(218, 157, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 157, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 157, 182);  
box-shadow:4px 4px 4px 4px rgb(218, 157,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4139, 42.3968, 49.8350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 157, 182) }
```

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

```
.background{ background-color: rgb(218,  
157, 182) }
```

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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