

Converting Colors

XYZ(49.3648, 41.6034, 61.9284)

Have a look what the booklet for
XYZ(49.3648, 41.6034, 61.9284)
contains.

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Color

**XYZ(49.3648, 41.6034,
61.9284)**

Conversions

Conversions Part 1

Format	Color
Hex	D39BCB
RGB	211, 155, 203
RGB Percent	83%, 61%, 80%
CMY	0.1725, 0.3921, 0.2039
CMYK	0.00, 0.27, 0.04, 0.17
HSL	309°, 39%, 72%
HSV	309°, 27%, 83%
XYZ	49.3648, 41.6034, 61.9284
YIQ	177.2160, 17.9680, 26.8000

Conversions

Conversions Part 2

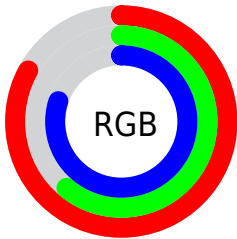
Format	Color
RYB	211, 155, 203
Decimal	13867979
CIELab	70.60, 28.65, -16.40
CIELCh	71, 33.012, 330.208
Yxy	41.6034, 0.3229, 0.2721
Android (android.graphics.Color)	4292058059 (0xFFD39BCB)
YUV	177.2160, 12.7115, 29.6286
Hunter-Lab	64.5007, 23.7365, -11.7750

Details

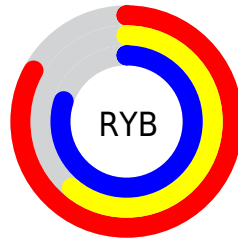
The XYZ color **49.3648, 41.6034, 61.9284** is a light color, and the websafe version is hex **CC99CC**, and the color name is **light medium orchid**. A complement of this color would be **43.4244, 56.2027, 43.2122**, and the grayscale version is **41.8332, 44.0118, 47.9288**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **23.9854, 18.9383, 30.8251** is the 20% darker color. If you saturate the color by 10%, you get **45.8000, 35.0425, 58.9852**, and if you desaturate by 10%, it is **53.5527, 49.3979, 65.1146**.

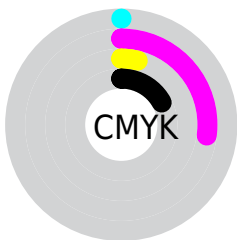
Distribution



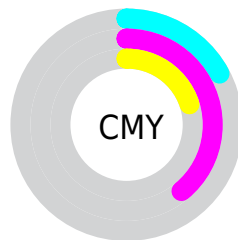
- Red (83%)
- Green (61%)
- Blue (80%)



- Red (83%)
- Yellow (61%)
- Blue (80%)



- Cyan (0%)
- Magenta (27%)
- Yellow (4%)
- Black (17%)





- Cyan (17%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.3648, 41.6034, 61.9284 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 49.3648, 41.6034, 61.9284 by changing the saturation by 10% instead.


 49.3648, 41.6034,
61.9284


 49.3648, 41.6034,
61.9284


374.6699,
352.8362, 449.6703

 35.1247, 28.7909,
44.5394


 88.4305, 77.5990,
109.1926

 23.9259, 18.9227,
30.7545


 113.9868,
101.5509, 139.9050

 15.4031, 11.6144,
20.1551


144.0458,
129.9847, 175.8955

 9.1909, 6.4817,
12.3226

178.9730,
163.2848, 217.5828

 4.9240, 3.1401,
6.8386

219.1336,
201.8357, 265.3854

 2.2371, 1.2053,
3.2845

264.8930,

 0.7622, 0.0660,

246.0216, 319.7218

1.2417

316.6167,
296.2270, 381.0106

■ 0.0000, 0.0000,
0.0132

■ 0.0000, 0.0000,
0.0000

■ 49.3648, 41.6034,
61.9284

■ 49.3648, 41.6034,
61.9284

■ 45.8000, 35.0425,
58.9852

■ 53.5527, 49.3979,
65.1146

■ 42.8225, 29.6457,
56.2717

■ 58.3895, 58.4798,
68.5514

■ 40.3987, 25.3454,
53.7767

■ 63.9042, 68.9061,
72.2490

■ 38.4901, 22.0645,
51.4874

■ 70.1230, 80.7291,
76.2162

37.0532, 19.7159,
49.3891

75.2888, 90.4349,
79.8678

36.0370, 18.1980,
47.4644

75.6872, 90.5942,
81.9656

35.3766, 17.3808,
45.6917

76.0928, 90.7564,
84.1014

35.1900, 17.1793,
45.0997

76.5056, 90.9216,
86.2753

76.9257, 91.0896,
88.4877

Harmonies

Analogous

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



45.0601, 41.6034, 76.5445



49.3648, 41.6034, 61.9284



50.9899, 41.6034, 45.1898

Triad

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



49.3648, 41.6034, 61.9284



39.5046, 41.6034, 21.4054



31.1511, 41.6034, 62.1619

Complementary

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



49.3648, 41.6034, 61.9284



43.4244, 56.2027, 43.2122

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.



29.9515, 41.6034, 45.4084



49.3648, 41.6034, 61.9284



34.4953, 41.6034, 23.9774

Square

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



49.3648, 41.6034, 61.9284



44.9881, 41.6034, 23.9060



31.1185, 41.6034, 31.9498



34.5556, 41.6034, 76.6997

Rectangle

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



49.3648, 41.6034, 61.9284



50.2286, 41.6034, 35.6920



31.1185, 41.6034, 31.9498



30.4914, 41.6034, 56.4917

Sweetspot

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



49.3661, 41.6052, 61.9293



88.4182, 87.4816, 104.3920



38.4764, 35.8784, 66.5260



18.6745, 18.2531, 22.1690



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.



49.3661, 41.6052, 61.9293



72.4898, 57.7925, 92.3994



46.3772, 40.4097, 46.1900



12.2351, 11.9788, 14.5141



21.2660, 10.3792, 27.3705



1.2094, 0.5885, 1.6377

Inverse Universe

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



49.3661, 41.6052, 61.9293



72.4898, 57.7925, 92.3994



46.1587, 57.2964, 57.6110



12.2351, 11.9788, 14.5141



21.2660, 10.3792, 27.3705



1.2094, 0.5885, 1.6377

Previews

White Background



This preview shows how the XYZ color 49.3648, 41.6034, 61.9284 looks on a white background.

Color Contrast Check

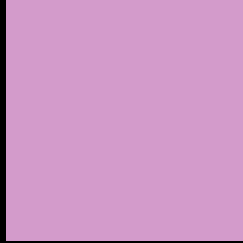
Large Text (above 18pt) WCAG AA × Fail

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 49.3648, 41.6034, 61.9284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

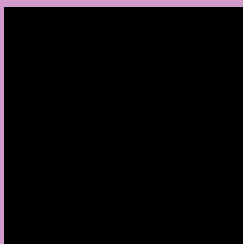
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.3648, 41.6034, 61.9284

Background



This preview shows how black text looks on a background with the XYZ color 49.3648, 41.6034, 61.9284.



This preview shows how white text looks on a background with the XYZ color 49.3648, 41.6034,

61.9284.

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

49.3648, 41.6034, 61.9284

Protanopia

41.8048, 41.7674, 69.4769

Deuteranopia

42.7448, 41.8932, 60.4769



Tritanopia

46.0198, 41.7723, 45.1725

Trichromacy



Original Color

49.3648, 41.6034, 61.9284

Protanomaly

43.9104, 41.2667, 66.6237

Deuteranomaly

44.8043, 41.5868, 60.9239

Tritanomaly

47.0623, 41.6669, 50.9095

Monochromacy



Original Color

49.3648, 41.6034, 61.9284

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

44.0372, 42.7399, 52.3830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3648, 41.6034, 61.9284 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(211, 155, 203)` looks like.

```
.text, #text, p{  
    color:rgb(211, 155, 203)  
}
```

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(211, 155, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 155, 203) }
```

Border

The CSS property to change the border of an element to XYZ 49.3648, 41.6034, 61.9284 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(211, 155, 203) }
```


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

```
.border{ border-color:rgb(211, 155, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 155, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 155, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 155, 203);  
box-shadow:4px 4px 4px 4px rgb(211, 155,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3648, 41.6034, 61.9284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 155, 203) }
```

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

```
.background{ background-color: rgb(211,  
155, 203) }
```

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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