

Converting Colors

XYZ(49.1375, 40.6883, 69.4400)

Have a look what the booklet for
XYZ(49.1375, 40.6883, 69.4400)
contains.

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Color

**XYZ(49.2261, 40.6282,
69.5375)**

Conversions

Conversions Part 1

Format	Color
Hex	CF98D7
RGB	207, 152, 215
RGB Percent	81%, 60%, 84%
CMY	0.1882, 0.4039, 0.1569
CMYK	0.04, 0.29, 0.00, 0.16
HSL	292°, 44%, 72%
HSV	292°, 29%, 84%
XYZ	49.2261, 40.6282, 69.5375
YIQ	175.6270, 12.5570, 31.2530

Conversions

Conversions Part 2

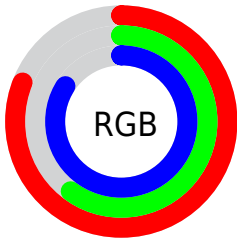
Format	Color
R_{YB}	207, 152, 215
Decimal	13605079
CIE _{Lab}	69.91, 31.21, -24.10
CIE _{LCh}	70, 39.436, 322.322
Yxy	40.6282, 0.3088, 0.2549
Android (android.graphics.Color)	4291795159 (0xFFCF98D7)
YUV	175.6270, 19.4109, 27.5141
Hunter-Lab	63.7403, 26.3087, -20.0643

Details

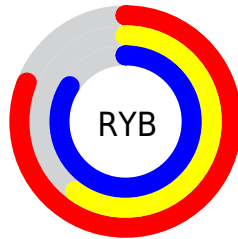
The XYZ color **49.2261, 40.6282, 69.5375** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.4666, 58.3425, 38.6254**, and the grayscale version is **40.9716, 43.1053, 46.9417**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **23.8512, 18.3278, 35.5382** is the 20% darker color. If you saturate the color by 10%, you get **45.2921, 33.8819, 68.4433**, and if you desaturate by 10%, it is **53.8084, 48.6497, 70.8449**.

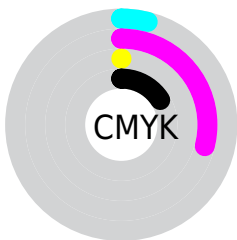
Distribution



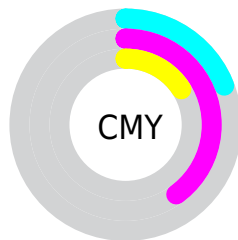
- Red (81%)
- Green (60%)
- Blue (84%)



- Red (81%)
- Yellow (60%)
- Blue (84%)



- Cyan (4%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)





- Cyan (19%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2261, 40.6282, 69.5375 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 49.2261, 40.6282, 69.5375 by changing the saturation by 10% instead.


 49.2261, 40.6282,
69.5375


 49.2261, 40.6282,
69.5375


374.1340,
348.7643, 477.6696

 35.0141, 28.0287,
50.6751

 88.2259, 76.1192,
120.2239

 23.8403, 18.3473,
35.5752


 113.7444, 99.7794,
152.8849

 15.3393, 11.1996,
23.8192


143.7625,
127.8953, 190.9826

 9.1457, 6.2013,
14.9886

178.6455,
160.8514, 234.9355

 4.8942, 2.9678,
8.6648

218.7588,
199.0319, 285.1621

 2.2195, 1.1150,
4.4294

264.4678,

 0.7530, 0.0000,

242.8213, 342.0810

1.8637

316.1377,
292.6039, 406.1106

■ 0.0000, 0.0000,
0.4695

■ 0.0000, 0.0000,
0.0000

■ 49.2261, 40.6282,
69.5375

■ 49.2261, 40.6282,
69.5375

■ 45.2921, 33.8819,
68.4433

■ 53.8084, 48.6497,
70.8449

■ 41.9681, 28.3372,
67.5482

■ 59.0667, 58.0045,
72.3734

■ 39.2181, 23.9210,
66.8408

■ 65.0320, 68.7534,
74.1338

■ 37.0003, 20.5499,
66.3070

■ 71.7320, 80.9518,
76.1352

35.2673, 18.1291,
65.9311

77.7388, 91.7439,
77.9017

33.9629, 16.5465,
65.6943

78.5752, 92.1751,
77.9408

32.9943, 15.6165,
65.5659

79.4252, 92.6133,
77.9806

32.9309, 15.5596,
65.5582

80.2887, 93.0585,
78.0210

81.1660, 93.5107,
78.0620

Harmonies

Analogous

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



43.4937, 40.6282, 85.6316



49.2261, 40.6282, 69.5375



52.1779, 40.6282, 49.1275

Triad

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



49.2261, 40.6282, 69.5375



40.2877, 40.6282, 17.6481



28.2909, 40.6282, 59.0594

Complementary

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



49.2261, 40.6282, 69.5375



44.4666, 58.3425, 38.6254

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.



27.6346, 40.6282, 39.6827



49.2261, 40.6282, 69.5375



34.1171, 40.6282, 18.9417

Square

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



49.2261, 40.6282, 69.5375



46.6579, 40.6282, 21.7519



29.6516, 40.6282, 25.9652



31.5555, 40.6282, 78.5071

Rectangle

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



49.2261, 40.6282, 69.5375



51.9660, 40.6282, 37.1174



29.6516, 40.6282, 25.9652



27.7737, 40.6282, 52.2138

Sweetspot

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



49.2274, 40.6300, 69.5384



87.0966, 85.6728, 106.5538



37.8566, 36.8642, 69.4108



18.3845, 17.8762, 22.7314



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.



49.2274, 40.6300, 69.5384



68.8335, 53.5752, 101.3209



48.7572, 40.7067, 55.0998



12.7907, 12.5490, 15.6856



19.7591, 9.3387, 39.2143



1.2361, 0.5861, 2.3673

Inverse Universe

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



45.5991, 39.4434, 38.4696



62.7749, 51.6193, 48.2934



44.9985, 58.3764, 49.5068



12.4868, 12.4462, 13.2377



16.9038, 8.6978, 1.5316



1.0412, 0.5333, 0.2061

Previews

White Background



This preview shows how the XYZ color 49.2261, 40.6282, 69.5375 looks on a white background.

Color Contrast Check

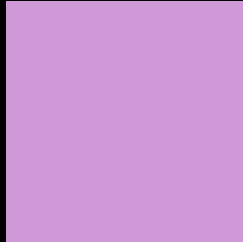
Large Text (above 18pt) WCAG AA × Fail

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 49.2261, 40.6282, 69.5375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

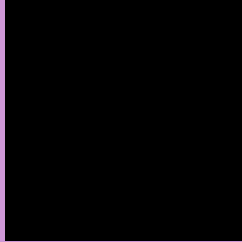
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2261, 40.6282, 69.5375

Background



This preview shows how black text looks on a background with the XYZ color 49.2261, 40.6282, 69.5375.



This preview shows how white text looks on a background with the XYZ color 49.2261, 40.6282,

69.5375.

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

49.2261, 40.6282, 69.5375

Protanopia

41.5707, 40.8905, 78.3747

Deuteranopia

41.8226, 40.9742, 67.9919



Tritanopia

44.2010, 40.5762, 45.0375

Trichromacy



Original Color

49.2261, 40.6282, 69.5375

Protanomaly

43.8720, 40.5208, 75.3210

Deuteranomaly

44.2220, 40.5898, 68.4547

Tritanomaly

45.7627, 40.4413, 52.9709

Monochromacy



Original Color

49.2261, 40.6282, 69.5375

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.6065, 41.9199, 54.5082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2261, 40.6282, 69.5375 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(207, 152, 215)` looks like.

```
.text, #text, p{  
    color:rgb(207, 152, 215)  
}
```

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(207, 152, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 152, 215) }
```

Border

The CSS property to change the border of an element to XYZ 49.2261, 40.6282, 69.5375 is called "border". The border property can be set on classes, ids or directly on the HTML element.

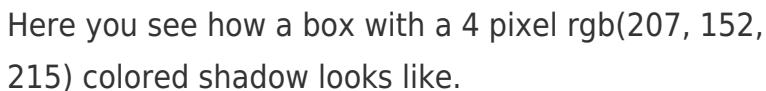
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 152, 215) }
```


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

```
.border{ border-color:rgb(207, 152, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 152, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 152, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 152, 215);  
box-shadow:4px 4px 4px 4px rgb(207, 152,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2261, 40.6282, 69.5375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 152, 215) }
```

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

```
.background{ background-color: rgb(207,  
152, 215) }
```

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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