

Converting Colors

XYZ(46.9222, 40.3468, 48.8085)

Have a look what the booklet for
XYZ(46.9222, 40.3468, 48.8085)
contains.

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Color

**XYZ(47.0475, 40.4444,
49.0429)**

Conversions

Conversions Part 1

Format	Color
Hex	D49AB5
RGB	212, 154, 181
RGB Percent	83%, 60%, 71%
CMY	0.1686, 0.3961, 0.2902
CMYK	0.00, 0.27, 0.15, 0.17
HSL	332°, 40%, 72%
HSV	332°, 27%, 83%
XYZ	47.0475, 40.4444, 49.0429
YIQ	174.4200, 25.9010, 20.6930

Conversions

Conversions Part 2

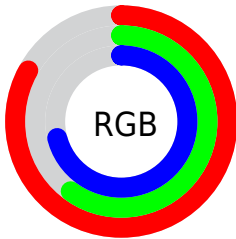
Format	Color
R _Y B	212, 154, 181
Decimal	13933237
CIE Lab	69.78, 25.76, -5.40
CIE LCh	70, 26.319, 348.151
Yxy	40.4444, 0.3446, 0.2962
Android (android.graphics.Color)	4292123317 (0xFFD49AB5)
YUV	174.4200, 3.2439, 32.9577
Hunter-Lab	63.5959, 20.7593, -1.2052

Details

The XYZ color **47.0475, 40.4444, 49.0429** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.6286, 57.4610, 54.5879**, and the grayscale version is **40.4235, 42.5287, 46.3138**.

A 20% lighter version of the original color is **79.3265, 72.9754, 90.0255**, and **22.5523, 18.2294, 22.7521** is the 20% darker color. If you saturate the color by 10%, you get **42.7369, 33.6086, 42.1009**, and if you desaturate by 10%, it is **52.0729, 48.5575, 56.6907**.

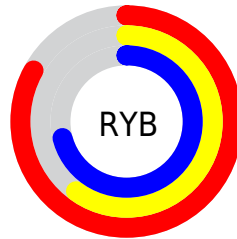
Distribution



Red (83%)

Green (60%)

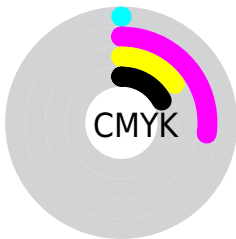
Blue (71%)



Red (83%)

Yellow (60%)

Blue (71%)

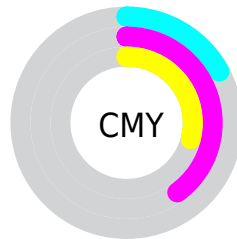


Cyan (0%)

Magenta (27%)

Yellow (15%)

Black (17%)



Cyan (17%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0475, 40.4444, 49.0429 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 47.0475, 40.4444, 49.0429 by changing the saturation by 10% instead.


 47.0475, 40.4444,
49.0429


 47.0475, 40.4444,
49.0429


365.6498,
347.9931, 399.5385

 33.2813, 27.8852,
34.2877


 85.0028, 75.8398,
90.1368

 22.5023, 18.2391,
22.8355


 109.9227, 99.4447,
117.3126

 14.3451, 11.1218,
14.2680


139.2911,
127.5004, 149.4656

 8.4444, 6.1488,
8.1664

173.4735,
160.3911, 187.0144

 4.4348, 2.9358,
4.1123

212.8353,
198.5014, 230.3776

 1.9509, 1.0983,
1.6872

257.7417,

 0.6062, 0.0000,

242.2155, 279.9736

0.3519

308.5581,
291.9180, 336.2211

0.0000, 0.0000,
0.0000

47.0475, 40.4444,
49.0429

47.0475, 40.4444,
49.0429

42.7369, 33.6086,
42.1009

52.0729, 48.5575,
56.6907

39.1029, 27.9787,
35.8396

57.8420, 58.0036,
65.0633

36.1089, 23.4847,
30.2358

64.3861, 68.8416,
74.1819

33.7132, 20.0469,
25.2636

71.7338, 81.1253,
84.0660

31.8685, 17.5754,
20.8950

78.2944, 91.6703,
94.1951

■ 30.5203, 15.9646,
17.0985

■ 80.0093, 92.3563,
103.2257

■ 29.5948, 15.0718,
13.8361

■ 80.9617, 92.7372,
108.2407

■ 29.3886, 14.8920,
13.0504

Harmonies

Analogous

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



44.8857, 40.4444, 61.6573



47.0475, 40.4444, 49.0429



46.7808, 40.4444, 37.1122

Triad

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



47.0475, 40.4444, 49.0429



35.9404, 40.4444, 25.2625



33.2206, 40.4444, 63.9726

Complementary

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



47.0475, 40.4444, 49.0429



45.6286, 57.4610, 54.5879

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.



31.1567, 40.4444, 51.7739



47.0475, 40.4444, 49.0429



32.6451, 40.4444, 30.1410

Square

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



47.0475, 40.4444, 49.0429



40.1515, 40.4444, 24.8036



30.9542, 40.4444, 39.3840



36.7802, 40.4444, 71.2845

Rectangle

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



47.0475, 40.4444, 49.0429



45.2644, 40.4444, 31.0528



30.9542, 40.4444, 39.3840



32.3406, 40.4444, 60.2140

Sweetspot

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



47.0487, 40.4462, 49.0437



87.1776, 86.9853, 97.8593



43.4324, 38.1727, 67.3670



18.3612, 18.1278, 20.5193



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.



47.0487, 40.4462, 49.0437



67.4100, 54.9833, 68.0459



44.8629, 40.0866, 35.9469



12.6614, 12.5160, 14.1571



18.1925, 9.2133, 8.3177



1.1389, 0.5723, 0.7206

Inverse Universe

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



47.0487, 40.4462, 49.0437



67.4100, 54.9833, 68.0459



48.2745, 57.7507, 70.8907



12.6614, 12.5160, 14.1571



18.1925, 9.2133, 8.3177



1.1389, 0.5723, 0.7206

Previews

White Background



This preview shows how the XYZ color 47.0475, 40.4444, 49.0429 looks on a white background.

Color Contrast Check

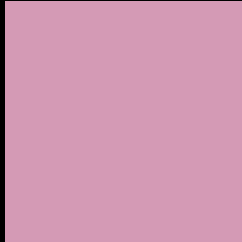
Large Text (above 18pt) WCAG AA × Fail

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 47.0475, 40.4444, 49.0429 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 47.0475, 40.4444, 49.0429

Background



This preview shows how black text looks on a background with the XYZ color 47.0475, 40.4444, 49.0429.



This preview shows how white text looks on a background with the XYZ color 47.0475, 40.4444,

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

47.0475, 40.4444, 49.0429

Protanopia

39.9271, 40.8359, 55.0679

Deuteranopia

41.5401, 40.7175, 48.3177



Tritanopia

45.5347, 40.3057, 42.4256

Trichromacy



Original Color

47.0475, 40.4444, 49.0429

Protanomaly

42.0123, 40.3291, 52.5837

Deuteranomaly

43.4067, 40.6053, 48.7298

Tritanomaly

46.1281, 40.3087, 44.8843

Monochromacy



Original Color

47.0475, 40.4444, 49.0429

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.4936, 41.5031, 47.3662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0475, 40.4444, 49.0429 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(212, 154, 181)` looks like.

```
.text, #text, p{  
    color:rgb(212, 154, 181)  
}
```

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(212, 154, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 154, 181) }
```

Border

The CSS property to change the border of an element to XYZ 47.0475, 40.4444, 49.0429 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(212, 154, 181) }
```


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

```
.border{ border-color:rgb(212, 154, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 154, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 154, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 154, 181);  
box-shadow:4px 4px 4px 4px rgb(212, 154,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0475, 40.4444, 49.0429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 154, 181) }
```

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

```
.background{ background-color: rgb(212,  
154, 181) }
```

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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