

Converting Colors

XYZ(47.3046, 41.2164, 50.1614)

Have a look what the booklet for
XYZ(47.3046, 41.2164, 50.1614)
contains.

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Color

**XYZ(47.4682, 41.3817,
50.2854)**

Conversions

Conversions Part 1

Format	Color
Hex	D39DB7
RGB	211, 157, 183
RGB Percent	83%, 62%, 72%
CMY	0.1725, 0.3843, 0.2823
CMYK	0.00, 0.26, 0.13, 0.17
HSL	331°, 38%, 72%
HSV	331°, 26%, 83%
XYZ	47.4682, 41.3817, 50.2854
YIQ	176.1100, 23.8380, 19.5340

Conversions

Conversions Part 2

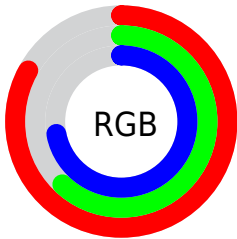
Format	Color
R_{YB}	211, 157, 183
Decimal	13868471
CIE _{Lab}	70.44, 24.10, -5.55
CIE _{LCh}	70, 24.731, 347.021
Yxy	41.3817, 0.3412, 0.2974
Android (android.graphics.Color)	4292058551 (0xFFD39DB7)
YUV	176.1100, 3.3968, 30.5985
Hunter-Lab	64.3286, 19.1404, -1.3167

Details

The XYZ color **47.4682, 41.3817, 50.2854** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.9575, 57.2606, 54.5318**, and the grayscale version is **41.2993, 43.4501, 47.3171**.

A 20% lighter version of the original color is **80.3635, 74.5790, 91.8209**, and **22.7911, 18.7828, 23.5433** is the 20% darker color. If you saturate the color by 10%, you get **43.1071, 34.4114, 43.4298**, and if you desaturate by 10%, it is **52.5367, 49.6241, 57.8146**.

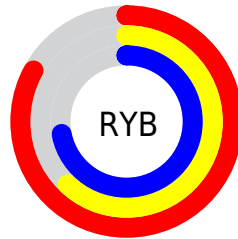
Distribution



Red (83%)

Green (62%)

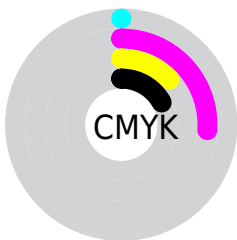
Blue (72%)



Red (83%)

Yellow (62%)

Blue (72%)

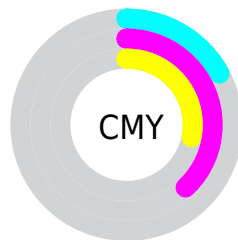


Cyan (0%)

Magenta (26%)

Yellow (13%)

Black (17%)



Cyan (17%)


Magenta (38%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4682, 41.3817, 50.2854 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 47.4682, 41.3817, 50.2854 by changing the saturation by 10% instead.


 47.4682, 41.3817,
50.2854

 47.4682, 41.3817,
50.2854


367.2981,
351.9134, 404.5480

 33.6154, 28.6175,
35.2675


 85.6266, 77.2630,
91.9982

 22.7598, 18.7916,
23.5838


 110.6629,
101.1488, 119.5302

 14.5360, 11.5198,
14.8158


140.1578,
129.5107, 152.0706

 8.5786, 6.4176,
8.5450

174.4766,
162.7329, 190.0380

 4.5222, 3.1006,
4.3529

213.9847,
201.1998, 233.8509

 2.0016, 1.1845,
1.8209

259.0474,

 0.6349, 0.0490,

245.2960, 283.9278

0.4417

310.0300,
295.4057, 340.6873

0.0000, 0.0000,
0.0000

47.4682, 41.3817,
50.2854

47.4682, 41.3817,
50.2854

43.1071, 34.4114,
43.4298

52.5367, 49.6241,
57.8146

39.4162, 28.6434,
37.2241

58.3403, 59.1925,
66.0348

36.3600, 24.0097,
31.6467

64.9098, 70.1446,
74.9658

33.8983, 20.4333,
26.6736

72.2727, 82.5330,
84.6260

31.9858, 17.8272,
22.2786

78.0141, 91.5250,
94.2191

■ 30.5704, 16.0908,
18.4329

■ 79.6686, 92.1868,
102.9317

■ 29.5881, 15.1002,
15.1030

■ 80.6742, 92.5890,
108.2272

■ 29.2420, 14.8001,
13.7784

Harmonies

Analogous

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



45.3447, 41.3817, 62.1440



47.4682, 41.3817, 50.2854



47.3063, 41.3817, 38.8056

Triad

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



47.4682, 41.3817, 50.2854



37.0837, 41.3817, 26.8331



34.2307, 41.3817, 63.5404

Complementary

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



47.4682, 41.3817, 50.2854



45.9575, 57.2606, 54.5318

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.



32.3084, 41.3817, 51.9475



47.4682, 41.3817, 50.2854



33.8759, 41.3817, 31.4309

Square

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



47.4682, 41.3817, 50.2854



41.1174, 41.3817, 26.5443



32.1832, 41.3817, 40.2054



37.5991, 41.3817, 70.6395

Rectangle

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



47.4682, 41.3817, 50.2854



45.9225, 41.3817, 32.8567



32.1832, 41.3817, 40.2054



33.4044, 41.3817, 59.9573

Sweetspot

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



47.4694, 41.3836, 50.2863



87.2272, 87.0052, 98.1202



43.7999, 39.1210, 66.8712



18.3737, 18.1328, 20.5849



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.



47.4694, 41.3836, 50.2863



68.8942, 57.1465, 71.0232



45.1611, 40.7048, 37.3771



12.0424, 11.9017, 13.4992



17.6986, 8.9523, 8.5851



1.0296, 0.5166, 0.6907

Inverse Universe

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



47.4694, 41.3836, 50.2863



68.8942, 57.1465, 71.0232



48.7351, 58.0149, 70.2580



12.0424, 11.9017, 13.4992



17.6986, 8.9523, 8.5851



1.0296, 0.5166, 0.6907

Previews

White Background



This preview shows how the XYZ color 47.4682, 41.3817, 50.2854 looks on a white background.

Color Contrast Check

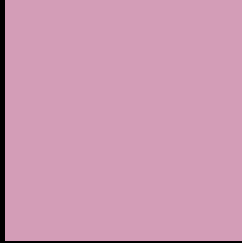
Large Text (above 18pt) WCAG AA × Fail

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 47.4682, 41.3817, 50.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

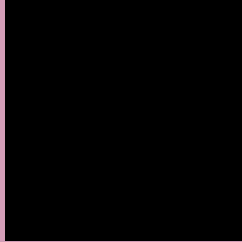
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4682, 41.3817, 50.2854

Background



This preview shows how black text looks on a background with the XYZ color 47.4682, 41.3817, 50.2854.



This preview shows how white text looks on a background with the XYZ color 47.4682, 41.3817,

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

47.4682, 41.3817, 50.2854

Protanopia

40.6549, 41.4776, 55.7324

Deuteranopia

42.1668, 41.2879, 49.4630



Tritanopia

46.3272, 41.4382, 44.0847

Trichromacy



Original Color

47.4682, 41.3817, 50.2854

Protanomaly

42.8291, 41.2608, 53.8509

Deuteranomaly

43.7888, 41.0411, 49.8698

Tritanomaly

46.5431, 41.2505, 46.0665

Monochromacy



Original Color

47.4682, 41.3817, 50.2854

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.3109, 42.4494, 48.5587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4682, 41.3817, 50.2854 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, 157, 183)` looks like.

```
.text, #text, p{  
    color:rgb(211, 157, 183)  
}
```

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, 157, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 157, 183) }
```

Border

The CSS property to change the border of an element to XYZ 47.4682, 41.3817, 50.2854 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, 157, 183) }
```


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

```
.border{ border-color:rgb(211, 157, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 157, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 157, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 157, 183);  
box-shadow:4px 4px 4px 4px rgb(211, 157,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4682, 41.3817, 50.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 157, 183) }
```

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

```
.background{ background-color: rgb(211,  
157, 183) }
```

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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