

Converting Colors

XYZ(46.8125, 39.3397, 42.5386)

Have a look what the booklet for
XYZ(46.8125, 39.3397, 42.5386)
contains.

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Color

**XYZ(46.8223, 39.2649,
42.6472)**

Conversions

Conversions Part 1

Format	Color
Hex	DA95A9
RGB	218, 149, 169
RGB Percent	85%, 58%, 66%
CMY	0.1451, 0.4157, 0.3373
CMYK	0.00, 0.32, 0.22, 0.15
HSL	343°, 48%, 72%
HSV	343°, 32%, 85%
XYZ	46.8223, 39.2649, 42.6472
YIQ	171.9110, 34.7040, 20.8480

Conversions

Conversions Part 2

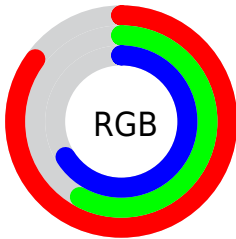
Format	Color
R _Y B	218, 149, 169
Decimal	14325161
CIE Lab	68.94, 28.76, 0.12
CIE LCh	69, 28.757, 0.240
Yxy	39.2649, 0.3637, 0.3050
Android (android.graphics.Color)	4292515241 (0xFFDA95A9)
YUV	171.9110, -1.4351, 40.4201
Hunter-Lab	62.6617, 23.7214, 3.5108

Details

The XYZ color **46.8223, 39.2649, 42.6472** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.6605, 60.6105, 62.6161**, and the grayscale version is **39.1634, 41.2029, 44.8700**.

A 20% lighter version of the original color is **76.2874, 69.8275, 79.9783**, and **22.3859, 17.5151, 19.0305** is the 20% darker color. If you saturate the color by 10%, you get **42.3222, 32.4545, 34.3959**, and if you desaturate by 10%, it is **52.1422, 47.4389, 52.0218**.

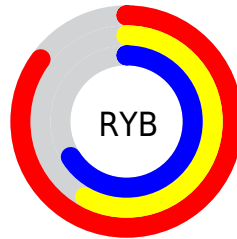
Distribution



Red (85%)

Green (58%)

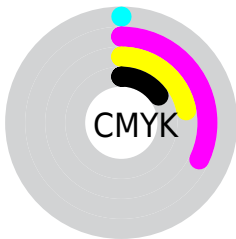
Blue (66%)



Red (85%)

Yellow (58%)

Blue (66%)

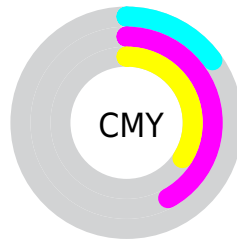


Cyan (0%)

Magenta (32%)

Yellow (22%)

Black (15%)



Cyan (15%)


Magenta (42%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8223, 39.2649, 42.6472 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 46.8223, 39.2649, 42.6472 by changing the saturation by 10% instead.


 46.8223, 39.2649,
42.6472


 46.8223, 39.2649,
42.6472


364.7655,
343.0154, 373.0374

 33.1026, 26.9659,
29.2791


 84.6687, 74.0428,
80.4588

 22.3646, 17.5476,
19.0446


 109.5260, 97.2905,
105.7394

 14.2432, 10.6257,
11.5254


138.8266,
124.9565, 135.8279

 8.3728, 5.8157,
6.3028

172.9358,
157.4253, 171.1427

 4.3882, 2.7334,
2.9583

212.2189,
195.0811, 212.1026

 1.9240, 0.9942,
1.0734

257.0413,

 0.5907, 0.0000,

238.3085, 259.1260

0.0000

307.7684,
287.4918, 312.6314

■ 0.0000, 0.0000,
0.0000

■ 46.8223, 39.2649,
42.6472

■ 46.8223, 39.2649,
42.6472

■ 42.3222, 32.4545,
34.3959

■ 52.1422, 47.4389,
52.0218

■ 38.5966, 26.9275,
27.2220

■ 58.3177, 57.0398,
62.5584

■ 35.6007, 22.6040,
21.0797

■ 65.3862, 68.1335,
74.2967

■ 33.2833, 19.3927,
15.9189

■ 73.3821, 80.7804,
87.2737

■ 31.5864, 17.1890,
11.6846

■ 81.3714, 93.1046,
101.2027

■ 30.4415, 15.8681,
8.3156

■ 82.7235, 93.6455,
108.3231

■ 29.8158, 15.2664,
6.1041

Harmonies

Analogous

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



45.4863, 39.2649, 56.5111



46.8223, 39.2649, 42.6472



45.4442, 39.2649, 31.2823

Triad

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



46.8223, 39.2649, 42.6472



33.0643, 39.2649, 24.4779



33.1233, 39.2649, 68.5539

Complementary

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



46.8223, 39.2649, 42.6472



47.6605, 60.6105, 62.6161

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.



30.2270, 39.2649, 56.7318



46.8223, 39.2649, 42.6472



30.1950, 39.2649, 31.4312

Square

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



46.8223, 39.2649, 42.6472



37.2832, 39.2649, 22.1902



29.1992, 39.2649, 42.8586



37.3570, 39.2649, 73.2052

Rectangle

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



46.8223, 39.2649, 42.6472



43.2314, 39.2649, 26.1682



29.1992, 39.2649, 42.8586



31.9738, 39.2649, 65.1820

Sweetspot

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



46.8234, 39.2667, 42.6480



85.6466, 85.2157, 93.3643



46.5084, 38.4697, 71.3041



18.0280, 17.7641, 19.4751



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.



46.8234, 39.2667, 42.6480



62.3663, 49.3008, 52.7852



47.4013, 43.2006, 34.2763



13.2105, 13.1133, 14.3696



17.9034, 9.1624, 3.8712



1.1968, 0.6084, 0.4454

Inverse Universe

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



46.8234, 39.2667, 42.6480



62.3663, 49.3008, 52.7852



46.6911, 54.7336, 74.4337



13.2105, 13.1133, 14.3696



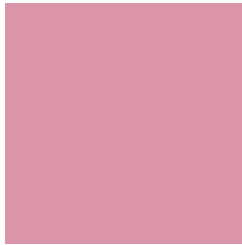
17.9034, 9.1624, 3.8712



1.1968, 0.6084, 0.4454

Previews

White Background



This preview shows how the XYZ color 46.8223, 39.2649, 42.6472 looks on a white background.

Color Contrast Check

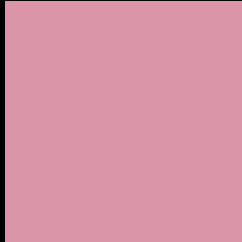
Large Text (above 18pt) WCAG AA × Fail

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 46.8223, 39.2649, 42.6472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

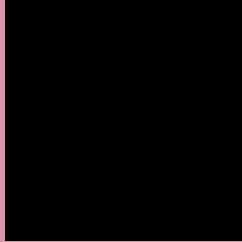
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.8223, 39.2649, 42.6472

Background



This preview shows how black text looks on a background with the XYZ color 46.8223, 39.2649, 42.6472.



This preview shows how white text looks on a background with the XYZ color 46.8223, 39.2649,

42.6472.

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

46.8223, 39.2649, 42.6472

Protanopia

38.3893, 39.6254, 48.8051

Deuteranopia

40.2298, 39.3867, 41.5584



Tritanopia

46.0432, 39.1730, 39.3168

Trichromacy



Original Color

46.8223, 39.2649, 42.6472

Protanomaly

40.8310, 39.0634, 46.4623

Deuteranomaly

42.4906, 39.2495, 41.8956

Tritanomaly

46.3131, 39.2810, 40.7383

Monochromacy



Original Color

46.8223, 39.2649, 42.6472

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.6124, 40.3100, 44.1155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8223, 39.2649, 42.6472 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, 149, 169)` looks like.

```
.text, #text, p{  
    color:rgb(218, 149, 169)  
}
```

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, 149, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 149, 169) }
```

Border

The CSS property to change the border of an element to XYZ 46.8223, 39.2649, 42.6472 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, 149, 169) }
```


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

```
.border{ border-color:rgb(218, 149, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 149, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 149, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 149, 169);  
box-shadow:4px 4px 4px 4px rgb(218, 149,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8223, 39.2649, 42.6472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 149, 169) }
```

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

```
.background{ background-color: rgb(218,  
149, 169) }
```

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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