

Converting Colors

XYZ(46.5016, 39.6473, 39.3842)

Have a look what the booklet for
XYZ(46.5016, 39.6473, 39.3842)
contains.

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Color

**XYZ(46.5016, 39.6473,
39.3842)**

Conversions

Conversions Part 1

Format	Color
Hex	DA97A2
RGB	218, 151, 162
RGB Percent	85%, 59%, 64%
CMY	0.1451, 0.4078, 0.3647
CMYK	0.00, 0.31, 0.26, 0.15
HSL	350°, 48%, 72%
HSV	350°, 31%, 85%
XYZ	46.5016, 39.6473, 39.3842
YIQ	172.2870, 36.4010, 17.6250

Conversions

Conversions Part 2

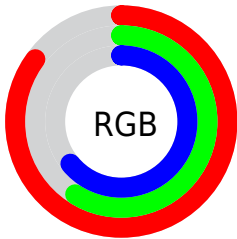
Format	Color
R _{YB}	218, 151, 162
Decimal	14325666
CIE _{Lab}	69.22, 26.67, 4.43
CIE _{LCh}	69, 27.033, 9.423
Yxy	39.6473, 0.3704, 0.3158
Android (android.graphics.Color)	4292515746 (0xFFDA97A2)
YUV	172.2870, -5.0715, 40.0903
Hunter-Lab	62.9661, 21.6348, 6.9914

Details

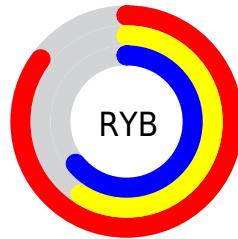
The XYZ color **46.5016, 39.6473, 39.3842** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.0981, 61.2280, 68.2650**, and the grayscale version is **39.3710, 41.4213, 45.1078**.

A 20% lighter version of the original color is **75.8357, 70.4124, 75.2396**, and **22.1766, 17.7309, 17.0054** is the 20% darker color. If you saturate the color by 10%, you get **41.8080, 32.6671, 30.3989**, and if you desaturate by 10%, it is **52.0808, 48.0225, 49.8236**.

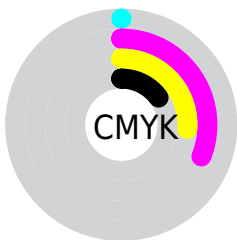
Distribution



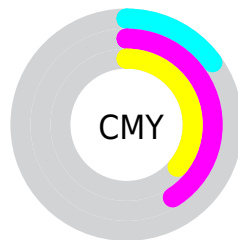
- Red (85%)
- Green (59%)
- Blue (64%)



- Red (85%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (31%)
- Yellow (26%)
- Black (15%)





- Cyan (15%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.5016, 39.6473, 39.3842 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 46.5016, 39.6473, 39.3842 by changing the saturation by 10% instead.


 46.5016, 39.6473,
39.3842


 46.5016, 39.6473,
39.3842


363.5038,
344.6347, 358.9958

 32.8481, 27.2637,
26.7486


 84.1925, 74.6261,
75.4517

 22.1688, 17.7713,
17.1537


 108.9606, 97.9901,
99.7206

 14.0983, 10.7859,
10.1811


138.1642,
125.7830, 128.7045

 8.2712, 5.9231,
5.4120

172.1689,
158.3892, 162.8218

 4.3222, 2.7984,
2.4280

211.3398,
196.1930, 202.4910

 1.8860, 1.0274,
0.8016

256.0423,

 0.5687, 0.0000,

239.5790, 248.1307

0.0000

306.6419,
288.9314, 300.1595

■ 0.0000, 0.0000,
0.0000

■ 46.5016, 39.6473,
39.3842

■ 46.5016, 39.6473,
39.3842

■ 41.8080, 32.6671,
30.3989

■ 52.0808, 48.0225,
49.8236

■ 37.9509, 27.0006,
22.8004

■ 58.5849, 57.8570,
61.7755

■ 34.8814, 22.5668,
16.5198

■ 66.0546, 69.2178,
75.2980

■ 32.5438, 19.2735,
11.4809

■ 74.5274, 82.1662,
90.4453

■ 30.8755, 17.0153,
7.5998

■ 82.4209, 93.5244,
106.7298

■ 29.8023, 15.6670,
4.7816

■ 82.7235, 93.6454,
108.3231

■ 29.2286, 15.0315,
3.0123

Harmonies

Analogous

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



46.0218, 39.6473, 52.0969



46.5016, 39.6473, 39.3842



44.4828, 39.6473, 29.7365

Triad

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



46.5016, 39.6473, 39.3842



32.6431, 39.6473, 27.2549



34.8344, 39.6473, 69.5400

Complementary

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



46.5016, 39.6473, 39.3842



49.0981, 61.2280, 68.2650

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.



31.6150, 39.6473, 60.1378



46.5016, 39.6473, 39.3842



30.4187, 39.6473, 35.3245

Square

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



46.5016, 39.6473, 39.3842



36.3377, 39.6473, 23.6713



30.0573, 39.6473, 47.1892



39.0623, 39.6473, 71.2001

Rectangle

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



46.5016, 39.6473, 39.3842



42.0763, 39.6473, 25.7326



30.0573, 39.6473, 47.1892



33.6077, 39.6473, 67.1049

Sweetspot

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



46.5027, 39.6492, 39.3850



85.2244, 85.0469, 91.1411



49.4083, 40.4386, 71.5311



17.9247, 17.7228, 18.9311



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.



46.5027, 39.6492, 39.3850



61.7736, 49.7675, 47.4946



49.5082, 47.1566, 35.7733



13.1428, 13.0862, 14.0131



17.5373, 9.0160, 1.9436



1.1635, 0.5950, 0.2699

Inverse Universe

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



46.5027, 39.6492, 39.3850



61.7736, 49.7675, 47.4946



45.0837, 50.9724, 73.7922



13.1428, 13.0862, 14.0131



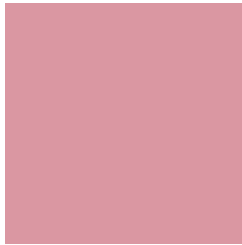
17.5373, 9.0160, 1.9436



1.1635, 0.5950, 0.2699

Previews

White Background



This preview shows how the XYZ color 46.5016, 39.6473, 39.3842 looks on a white background.

Color Contrast Check

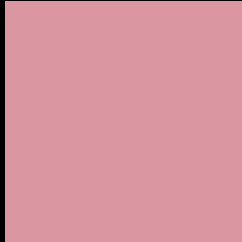
Large Text (above 18pt) WCAG AA × Fail

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 46.5016, 39.6473, 39.3842 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 46.5016, 39.6473, 39.3842

Background



This preview shows how black text looks on a background with the XYZ color 46.5016, 39.6473, 39.3842.



This preview shows how white text looks on a background with the XYZ color 46.5016, 39.6473,

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

46.5016, 39.6473, 39.3842

Protanopia

38.4623, 39.7545, 44.6759

Deuteranopia

40.6069, 39.9078, 38.8205



Tritanopia

46.5016, 39.6473, 39.3842

Trichromacy



Original Color

46.5016, 39.6473, 39.3842

Protanomaly

40.9745, 39.4866, 42.5079

Deuteranomaly

42.6506, 39.6488, 39.1233

Tritanomaly

46.5016, 39.6473, 39.3842

Monochromacy



Original Color

46.5016, 39.6473, 39.3842

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.3296, 40.1969, 42.6263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5016, 39.6473, 39.3842 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, 151, 162)` looks like.

```
.text, #text, p{  
    color:rgb(218, 151, 162)  
}
```

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, 151, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 151, 162) }
```

Border

The CSS property to change the border of an element to XYZ 46.5016, 39.6473, 39.3842 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, 151, 162) }
```


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

```
.border{ border-color:rgb(218, 151, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 151, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 151, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 151, 162);  
box-shadow:4px 4px 4px 4px rgb(218, 151,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5016, 39.6473, 39.3842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 151, 162) }
```

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

```
.background{ background-color: rgb(218,  
151, 162) }
```

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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