

Converting Colors

XYZ(38.9934, 35.9458, 46.9416)

Have a look what the booklet for
XYZ(38.9934, 35.9458, 46.9416)
contains.

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Color

**XYZ(39.0313, 35.8612,
46.9842)**

Conversions

Conversions Part 1

Format	Color
Hex	B898B2
RGB	184, 152, 178
RGB Percent	72%, 60%, 70%
CMY	0.2784, 0.4039, 0.3020
CMYK	0.00, 0.17, 0.03, 0.28
HSL	311°, 18%, 66%
HSV	311°, 17%, 72%
XYZ	39.0313, 35.8612, 46.9842
YIQ	164.5320, 10.7260, 14.8700

Conversions

Conversions Part 2

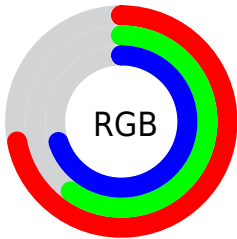
Format	Color
RYB	184, 152, 178
Decimal	12097714
CIELab	66.41, 16.41, -9.04
CIELCh	66, 18.739, 331.153
Yxy	35.8612, 0.3203, 0.2942
Android (android.graphics.Color)	4290287794 (0xFFB898B2)
YUV	164.5320, 6.6397, 17.0734
Hunter-Lab	59.8842, 11.5452, -4.5990

Details

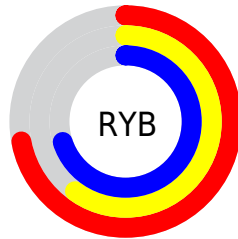
The XYZ color **39.0313, 35.8612, 46.9842** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.2624, 43.4260, 38.8206**, and the grayscale version is **35.5068, 37.3559, 40.6806**.

A 20% lighter version of the original color is **72.8578, 68.6084, 87.2446**, and **17.7154, 15.6133, 21.4820** is the 20% darker color. If you saturate the color by 10%, you get **35.9317, 30.2090, 44.2635**, and if you desaturate by 10%, it is **42.6050, 42.4466, 49.9068**.

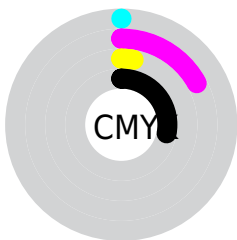
Distribution



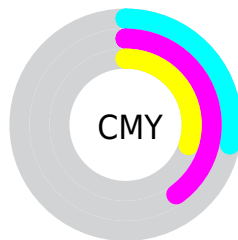
- Red (72%)
- Green (60%)
- Blue (70%)



- Red (72%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (17%)
- Yellow (3%)
- Black (28%)





- Cyan (28%)
- Magenta (40%)
- Yellow (30%)
- Black (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0313, 35.8612, 46.9842 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 39.0313, 35.8612, 46.9842 by changing the saturation by 10% instead.


 39.0313, 35.8612,
46.9842


 39.0313, 35.8612,
46.9842


333.2284,
328.3535, 391.1434

 26.9649, 24.3270,
32.6689


 72.9799, 68.8178,
87.0398

 17.6833, 15.5764,
21.6039


 95.5928, 91.0090,
113.6171

 10.8212, 9.2249,
13.3706


122.4520,
117.5213, 145.1189

 6.0131, 4.8882,
7.5505

153.9227,
148.7391, 181.9637

 2.8938, 2.1818,
3.7251

190.3703,
185.0468, 224.5700

 1.0979, 0.7100,
1.4758

232.1603,

 0.0233, 0.0000,

226.8289, 273.3564

0.1998

279.6578,
274.4696, 328.7413

■ 0.0000, 0.0000,
0.0000

■ 39.0313, 35.8612,
46.9842

■ 39.0313, 35.8612,
46.9842

■ 35.9317, 30.2090,
44.2635

■ 42.6050, 42.4466,
49.9068

■ 33.2817, 25.4427,
41.7349

■ 46.6696, 50.0003,
53.0359

■ 31.0593, 21.5178,
39.3912

■ 51.2450, 58.5615,
56.3789

■ 29.2395, 18.3844,
37.2238

■ 56.3490, 68.1656,
59.9421

■ 27.7944, 15.9870,
35.2230

■ 61.9986, 78.8464,
63.7312

■ 26.6927, 14.2630,
33.3781

■ 65.8019, 85.8203,
66.9495

■ 25.8979, 13.1394,
31.6766

■ 66.2064, 85.9821,
69.0796

■ 25.3566, 12.5096,
30.1003

■ 66.6200, 86.1475,
71.2579

■ 25.2320, 12.3763,
29.7010

■ 67.0429, 86.3167,
73.4846

Harmonies

Analogous

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



36.9523, 35.8612, 53.8150



39.0313, 35.8612, 46.9842



39.7673, 35.8612, 38.7367

Triad

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



39.0313, 35.8612, 46.9842



33.9766, 35.8612, 25.5488



29.6741, 35.8612, 47.5960

Complementary

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



39.0313, 35.8612, 46.9842



36.2624, 43.4260, 38.8206

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.



28.9715, 35.8612, 39.3584



39.0313, 35.8612, 46.9842



31.3700, 35.8612, 27.2625

Square

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



39.0313, 35.8612, 46.9842



36.7542, 35.8612, 27.0185



29.5753, 35.8612, 32.0577



31.5482, 35.8612, 54.2009

Rectangle

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



39.0313, 35.8612, 46.9842



39.3671, 35.8612, 33.7333



29.5753, 35.8612, 32.0577



29.2979, 35.8612, 44.8908

Sweetspot

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



39.0324, 35.8628, 46.9850



78.8508, 79.9438, 91.7427



33.9559, 33.1746, 49.9617



16.8920, 17.0366, 19.6943



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.0324, 35.8628, 46.9850



68.4288, 60.7522, 83.1747



37.5301, 35.2619, 39.0743



9.3067, 9.1331, 10.9627



17.4139, 8.5393, 20.5981



0.6328, 0.3086, 0.8258

Inverse Universe

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



39.0324, 35.8628, 46.9850



68.4288, 60.7522, 83.1747



37.7176, 44.0081, 46.4839



9.3067, 9.1331, 10.9627



17.4139, 8.5393, 20.5981



0.6328, 0.3086, 0.8258

Previews

White Background



This preview shows how the XYZ color 39.0313, 35.8612, 46.9842 looks on a white background.

Color Contrast Check

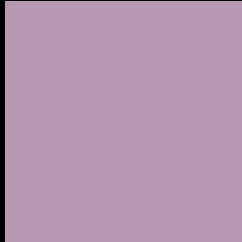
Large Text (above 18pt) WCAG AA × Fail

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 39.0313, 35.8612, 46.9842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

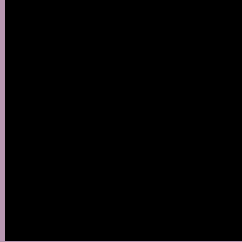
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0313, 35.8612, 46.9842

Background



This preview shows how black text looks on a background with the XYZ color 39.0313, 35.8612, 46.9842.



This preview shows how white text looks on a background with the XYZ color 39.0313, 35.8612,

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

39.0313, 35.8612, 46.9842

Protanopia

35.2186, 35.8296, 49.8593

Deuteranopia

36.5703, 35.8343, 46.5842



Tritanopia

37.7299, 35.8095, 40.9997

Trichromacy



Original Color

39.0313, 35.8612, 46.9842

Protanomaly

36.3338, 35.6656, 48.6852

Deuteranomaly

37.3364, 35.7310, 46.5239

Tritanomaly

38.1754, 35.7520, 42.9190

Monochromacy



Original Color

39.0313, 35.8612, 46.9842

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.8398, 36.8145, 43.1945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0313, 35.8612, 46.9842 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(184, 152, 178)` looks like.

```
.text, #text, p{  
    color:rgb(184, 152, 178)  
}
```

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(184, 152, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 152, 178) }
```

Border

The CSS property to change the border of an element to XYZ 39.0313, 35.8612, 46.9842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

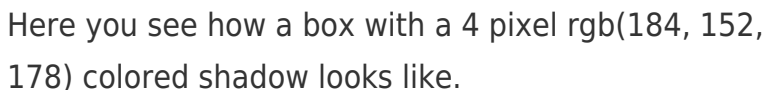
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 152, 178) }
```


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

```
.border{ border-color:rgb(184, 152, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 152, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 152, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 152, 178);  
box-shadow:4px 4px 4px 4px rgb(184, 152,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0313, 35.8612, 46.9842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 152, 178) }
```

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

```
.background{ background-color: rgb(184,  
152, 178) }
```

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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