

Converting Colors

XYZ(39.1439, 38.4408, 46.4476)

Have a look what the booklet for
XYZ(39.1439, 38.4408, 46.4476)
contains.

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Color

**XYZ(39.1169, 38.4402,
46.4323)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A2B0
RGB	178, 162, 176
RGB Percent	70%, 64%, 69%
CMY	0.3020, 0.3647, 0.3098
CMYK	0.00, 0.09, 0.01, 0.30
HSL	308°, 9%, 67%
HSV	308°, 9%, 70%
XYZ	39.1169, 38.4402, 46.4323
YIQ	168.3800, 5.0420, 7.7460

Conversions

Conversions Part 2

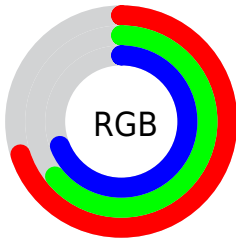
Format	Color
RYB	178, 162, 176
Decimal	11707056
CIELab	68.34, 8.37, -5.12
CIELCh	68, 9.807, 328.537
Yxy	38.4402, 0.3155, 0.3100
Android (android.graphics.Color)	4289897136 (0xFFB2A2B0)
YUV	168.3800, 3.7567, 8.4367
Hunter-Lab	62.0002, 4.1182, -1.0025

Details

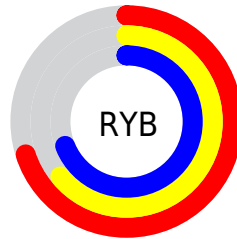
The XYZ color **39.1169, 38.4402, 46.4323** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5230, 42.2036, 41.2924**, and the grayscale version is **37.3875, 39.3345, 42.8353**.

A 20% lighter version of the original color is **73.3100, 72.9443, 86.5597**, and **17.6715, 16.9671, 21.4124** is the 20% darker color. If you saturate the color by 10%, you get **35.9827, 32.5207, 44.3104**, and if you desaturate by 10%, it is **42.7008, 45.2521, 48.7229**.

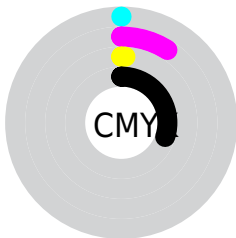
Distribution



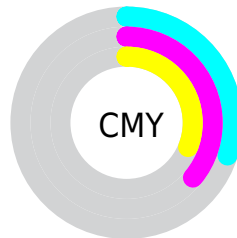
- Red (70%)
- Green (64%)
- Blue (69%)



- Red (70%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (30%)



- Cyan (30%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1169, 38.4402, 46.4323 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 39.1169, 38.4402, 46.4323 by changing the saturation by 10% instead.

■ 39.1169, 38.4402,
46.4323

■ 39.1169, 38.4402,
46.4323

333.5859,
339.5046, 388.8719

■ 27.0318, 26.3245,
32.2360

■ 73.1098, 72.7823,
86.2067

■ 17.7338, 17.0666,
21.2755

■ 95.7483, 95.7776,
112.6218

■ 10.8576, 10.2820,
13.1323

122.6354,
123.1682, 143.9470

■ 6.0377, 5.5863,
7.3879

154.1363,
155.3385, 180.6007

■ 2.9089, 2.5952,
3.6238

190.6164,
192.6728, 223.0015

■ 1.1058, 0.9243,
1.4213

232.4412,

■ 0.0299, 0.0000,

235.5557, 271.5679

0.1582

279.9759,
284.3715, 326.7185

■ 0.0000, 0.0000,
0.0000

■ 39.1169, 38.4402,
46.4323

■ 39.1169, 38.4402,
46.4323

■ 35.9827, 32.5207,
44.3104

■ 42.7008, 45.2521,
48.7229

■ 33.2762, 27.4516,
42.3483

■ 46.7485, 52.9864,
51.1855

■ 30.9788, 23.1948,
40.5402

■ 51.2777, 61.6778,
53.8265

■ 29.0689, 19.7074,
38.8789

■ 56.3040, 71.3576,
56.6514

■ 27.5231, 16.9427,
37.3564

■ 61.8425, 82.0558,
59.6651

■ 26.3156, 14.8486,
35.9640

■ 63.3442, 84.6747,
61.3514

■ 25.4167, 13.3664,
34.6919

■ 63.5884, 84.7723,
62.6369

■ 24.7921, 12.4269,
33.5284

■ 63.8362, 84.8714,
63.9420

■ 24.3782, 11.9036,
32.4522

■ 64.0878, 84.9721,
65.2668

Harmonies

Analogous

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



37.9671, 38.4402, 49.7438



39.1169, 38.4402, 46.4323



39.5726, 38.4402, 42.0714

Triad

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



39.1169, 38.4402, 46.4323



36.6118, 38.4402, 33.9472



33.9997, 38.4402, 46.0321

Complementary

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



39.1169, 38.4402, 46.4323



37.5230, 42.2036, 41.2924

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.



33.6593, 38.4402, 41.6390



39.1169, 38.4402, 46.4323



35.1418, 38.4402, 34.8474

Square

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



39.1169, 38.4402, 46.4323



38.1014, 38.4402, 35.0391



34.0717, 38.4402, 37.5886



35.0145, 38.4402, 49.5016

Rectangle

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



39.1169, 38.4402, 46.4323



39.4121, 38.4402, 39.2199



34.0717, 38.4402, 37.5886



33.8039, 38.4402, 44.6052

Sweetspot

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



39.1180, 38.4419, 46.4331



74.6933, 76.8421, 86.6296



36.2402, 36.9352, 47.3393



16.4320, 16.8033, 19.1187



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.1180, 38.4419, 46.4331



69.6158, 67.2090, 83.3287



38.3620, 38.1395, 42.4522



8.8034, 8.6281, 10.4631



17.4309, 8.4899, 23.2268



0.5612, 0.2722, 0.7979

Inverse Universe

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



39.1180, 38.4419, 46.4331



69.6158, 67.2090, 83.3287



38.2556, 42.4966, 45.1502



8.8034, 8.6281, 10.4631



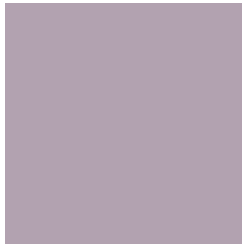
17.4309, 8.4899, 23.2268



0.5612, 0.2722, 0.7979

Previews

White Background



This preview shows how the XYZ color 39.1169, 38.4402, 46.4323 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 39.1169, 38.4402, 46.4323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

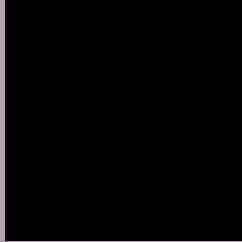
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1169, 38.4402, 46.4323

Background



This preview shows how black text looks on a background with the XYZ color 39.1169, 38.4402, 46.4323.



This preview shows how white text looks on a background with the XYZ color 39.1169, 38.4402,

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

39.1169, 38.4402, 46.4323

Protanopia

37.3980, 38.5938, 47.5977

Deuteranopia

39.3472, 38.5590, 46.4431



Tritanopia

39.0183, 38.4008, 45.9130

Trichromacy



Original Color

39.1169, 38.4402, 46.4323

Protanomaly

37.9685, 38.6306, 47.0503

Deuteranomaly

39.3472, 38.5590, 46.4431

Tritanomaly

39.0183, 38.4008, 45.9130

Monochromacy



Original Color

39.1169, 38.4402, 46.4323

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.0002, 38.9834, 44.0498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1169, 38.4402, 46.4323 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(178, 162, 176)` looks like.

```
.text, #text, p{  
    color:rgb(178, 162, 176)  
}
```

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(178, 162, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 162, 176) }
```

Border

The CSS property to change the border of an element to XYZ 39.1169, 38.4402, 46.4323 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(178, 162, 176) }
```


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

```
.border{ border-color:rgb(178, 162, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 162, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 162, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 162, 176);  
box-shadow:4px 4px 4px 4px rgb(178, 162,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1169, 38.4402, 46.4323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 162, 176) }
```

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

```
.background{ background-color: rgb(178,  
162, 176) }
```

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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