

Converting Colors

XYZ(39.4452, 38.8019, 49.6665)

Have a look what the booklet for
XYZ(39.4452, 38.8019, 49.6665)
contains.

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Color

**XYZ(39.4452, 38.8019,
49.6665)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B0A3B6 |
| RGB | 176, 163, 182 |
| RGB Percent | 69%, 64%, 71% |
| CMY | 0.3098, 0.3608, 0.2863 |
| CMYK | 0.03, 0.10, 0.00, 0.29 |
| HSL | 281°, 12%, 68% |
| HSV | 281°, 10%, 71% |
| XYZ | 39.4452, 38.8019, 49.6665 |
| YIQ | 169.0530, 1.6490, 8.6650 |

Conversions

Conversions Part 2

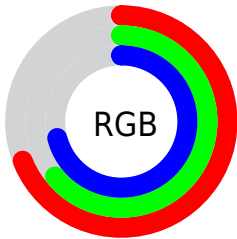
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 176, 163, 182 |
| Decimal | 11576246 |
| CIE Lab | 68.61, 8.27, -8.08 |
| CIE LCh | 69, 11.560, 315.648 |
| Yxy | 38.8019, 0.3084, 0.3033 |
| Android (android.graphics.Color) | 4289766326 (0xFFB0A3B6) |
| YUV | 169.0530, 6.3829, 6.0925 |
| Hunter-Lab | 62.2912, 4.0236, -3.6698 |

Details

The XYZ color **39.4452, 38.8019, 49.6665** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7024, 44.5363, 41.1561**, and the grayscale version is **37.7081, 39.6719, 43.2027**.

A 20% lighter version of the original color is **73.7827, 73.4717, 91.1816**, and **17.8153, 17.1648, 23.1431** is the 20% darker color. If you saturate the color by 10%, you get **35.1715, 32.1427, 48.6070**, and if you desaturate by 10%, it is **44.2413, 46.4229, 50.8853**.

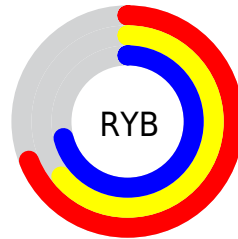
Distribution



Red (69%)

Green (64%)

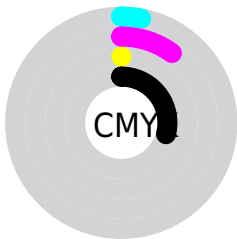
Blue (71%)



Red (69%)

Yellow (64%)

Blue (71%)

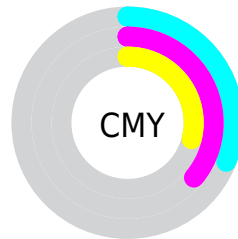


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (36%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4452, 38.8019, 49.6665 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 39.4452, 38.8019, 49.6665 by changing the saturation by 10% instead.

■ 39.4452, 38.8019,
49.6665

■ 39.4452, 38.8019,
49.6665

334.9543,
341.0475, 402.0580

■ 27.2885, 26.6057,
34.7792

■ 73.6077, 73.3356,
91.0718

■ 17.9277, 17.2773,
23.2106

■ 96.3442, 96.4418,
118.4268

■ 10.9975, 10.4324,
14.5423

123.3380,
123.9535, 150.7747

■ 6.1324, 5.6866,
8.3558

154.9545,
156.2550, 188.5342

■ 2.9672, 2.6554,
4.2324

191.5590,
193.7308, 232.1237

■ 1.1364, 0.9546,
1.7537

233.5169,

■ 0.0553, 0.0000,

236.7652, 281.9618

0.3971

281.1935,
285.7427, 338.4671

■ 0.0000, 0.0000,
0.0000

■ 39.4452, 38.8019,
49.6665

■ 39.4452, 38.8019,
49.6665

■ 35.1715, 32.1427,
48.6070

■ 44.2413, 46.4229,
50.8853

■ 31.3963, 26.4005,
47.6976

■ 49.5756, 55.0383,
52.2671

■ 28.0988, 21.5341,
46.9321

■ 55.4675, 64.6851,
53.8186

■ 25.2556, 17.4974,
46.3028

■ 61.9343, 75.3971,
55.5454

■ 22.8407, 14.2399,
45.8013

■ 68.9925, 87.2064,
57.4528

■ 20.8256, 11.7053,
45.4183

■ 70.9216, 88.6711,
57.6338

■ 19.1778, 9.8299,
45.1431

■ 72.5928, 89.5326,
57.7120

■ 17.8589, 8.5381,
44.9633

■ 74.3234, 90.4248,
57.7930

■ 16.8312, 7.7014,
44.8560

■ 76.1141, 91.3479,
57.8768

Harmonies

Analogous

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



37.8342, 38.8019, 52.6777



39.4452, 38.8019, 49.6665



40.3832, 38.8019, 44.7876

Triad

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



39.4452, 38.8019, 49.6665



37.7562, 38.8019, 33.2457



33.6049, 38.8019, 45.0163

Complementary

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



39.4452, 38.8019, 49.6665



39.7024, 44.5363, 41.1561

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.



33.5856, 38.8019, 39.8075



39.4452, 38.8019, 49.6665



35.9421, 38.8019, 33.2959

Square

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



39.4452, 38.8019, 49.6665



39.3865, 38.8019, 35.4656



34.4286, 38.8019, 35.6088



34.4822, 38.8019, 49.8458

Rectangle

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



39.4452, 38.8019, 49.6665



40.4815, 38.8019, 41.2678



34.4286, 38.8019, 35.6088



33.4988, 38.8019, 43.2450

Sweetspot

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



39.4463, 38.8036, 49.6673



77.8436, 80.3823, 91.6482



37.7404, 39.5477, 49.9009



17.0351, 17.5018, 20.2019



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.



39.4463, 38.8036, 49.6673



69.2656, 66.8185, 89.4823



40.4776, 39.3763, 47.8598



9.0976, 9.0167, 11.3403



11.9570, 5.4753, 31.6797



0.4825, 0.2245, 1.1196

Inverse Universe

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



39.5514, 39.0058, 42.9823



69.5258, 67.2883, 74.3281



38.7610, 44.0144, 42.7637



9.1183, 9.0577, 9.9706



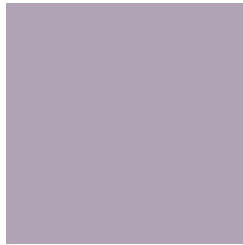
14.1804, 7.2459, 3.5710



0.5288, 0.2670, 0.2781

Previews

White Background



This preview shows how the XYZ color 39.4452, 38.8019, 49.6665 looks on a white background.

Color Contrast Check

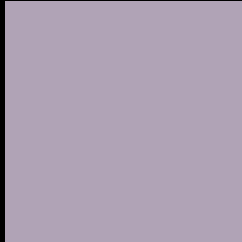
Large Text (above 18pt) WCAG AA × Fail

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 39.4452, 38.8019, 49.6665 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 39.4452, 38.8019, 49.6665

Background



This preview shows how black text looks on a background with the XYZ color 39.4452, 38.8019, 49.6665.



This preview shows how white text looks on a background with the XYZ color 39.4452, 38.8019,

49.6665.

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

39.4452, 38.8019, 49.6665

Protanopia

37.8050, 38.7325, 50.8310

Deuteranopia

39.6722, 38.9189, 49.6771



Tritanopia

38.8905, 38.8392, 47.0419

Trichromacy



Original Color

39.4452, 38.8019, 49.6665

Protanomaly

38.3646, 38.7642, 50.2600

Deuteranomaly

39.6722, 38.9189, 49.6771

Tritanomaly

39.0913, 38.9196, 48.0997

Monochromacy



Original Color

39.4452, 38.8019, 49.6665

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.4720, 39.4641, 45.6340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4452, 38.8019, 49.6665 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(176, 163, 182)` looks like.

```
.text, #text, p{  
    color:rgb(176, 163, 182)  
}
```

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(176, 163, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 163, 182) }
```

Border

The CSS property to change the border of an element to XYZ 39.4452, 38.8019, 49.6665 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(176, 163, 182) }
```


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

```
.border{ border-color:rgb(176, 163, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 163, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 163, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 163, 182);  
box-shadow:4px 4px 4px 4px rgb(176, 163,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4452, 38.8019, 49.6665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 163, 182) }
```

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

```
.background{ background-color: rgb(176,  
163, 182) }
```

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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