

Converting Colors

XYZ(39.4766, 38.5315, 50.7041)

Have a look what the booklet for
XYZ(39.4766, 38.5315, 50.7041)
contains.

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Color

**XYZ(39.4766, 38.5315,
50.7041)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A2B8
RGB	176, 162, 184
RGB Percent	69%, 64%, 72%
CMY	0.3098, 0.3647, 0.2784
CMYK	0.04, 0.12, 0.00, 0.28
HSL	278°, 13%, 68%
HSV	278°, 12%, 72%
XYZ	39.4766, 38.5315, 50.7041
YIQ	168.6940, 1.2820, 9.8100

Conversions

Conversions Part 2

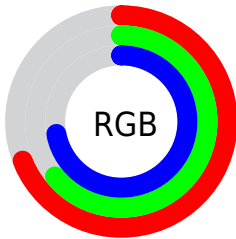
Format	Color
RYB	176, 162, 184
Decimal	11575992
CIELab	68.41, 9.21, -9.49
CIELCh	68, 13.224, 314.169
Yxy	38.5315, 0.3067, 0.2994
Android (android.graphics.Color)	4289766072 (0xFFB0A2B8)
YUV	168.6940, 7.5459, 6.4074
Hunter-Lab	62.0737, 4.8903, -4.9786

Details

The XYZ color **39.4766, 38.5315, 50.7041** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2411, 45.4367, 40.8336**, and the grayscale version is **37.5254, 39.4797, 42.9934**.

A 20% lighter version of the original color is **73.8197, 73.0728, 92.6518**, and **17.8410, 17.0015, 23.8140** is the 20% darker color. If you saturate the color by 10%, you get **34.9940, 31.7569, 49.6333**, and if you desaturate by 10%, it is **44.5103, 46.2964, 51.9382**.

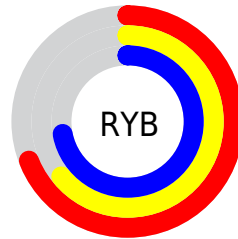
Distribution



Red (69%)

Green (64%)

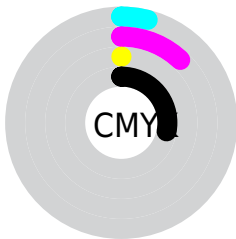
Blue (72%)



Red (69%)

Yellow (64%)

Blue (72%)

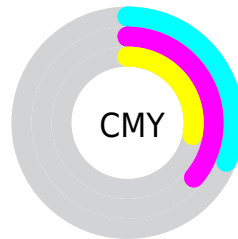


Cyan (4%)

Magenta (12%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4766, 38.5315, 50.7041 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 39.4766, 38.5315, 50.7041 by changing the saturation by 10% instead.

■ 39.4766, 38.5315,
50.7041

■ 39.4766, 38.5315,
50.7041

335.0849,
339.8945, 406.2267

■ 27.3131, 26.3955,
35.5981

■ 73.6553, 72.9221,
92.6243

■ 17.9463, 17.1197,
23.8367

■ 96.4011, 95.9454,
120.2755

■ 11.0109, 10.3199,
15.0015

123.4051,
123.3666, 152.9455

■ 6.1415, 5.6116,
8.6738

155.0326,
155.5700, 191.0529

■ 2.9728, 2.6104,
4.4351

191.6490,
192.9402, 235.0161

■ 1.1394, 0.9319,
1.8670

233.6196,

■ 0.0577, 0.0000,

235.8613, 285.2539

0.4716

281.3098,
284.7180, 342.1845

■ 0.0000, 0.0000,
0.0000

■ 39.4766, 38.5315,
50.7041

■ 39.4766, 38.5315,
50.7041

■ 34.9940, 31.7569,
49.6333

■ 44.5103, 46.2964,
51.9382

■ 31.0375, 25.9260,
48.7164

■ 50.1121, 55.0857,
53.3394

■ 27.5853, 20.9959,
47.9467

■ 56.3022, 64.9379,
54.9148

■ 24.6122, 16.9184,
47.3164

■ 63.0990, 75.8881,
56.6702

■ 22.0911, 13.6405,
46.8166

■ 70.5198, 87.9697,
58.6111

■ 19.9916, 11.1033,
46.4375

■ 72.7753, 89.6026,
58.8074

■ 18.2791, 9.2395,
46.1680

■ 74.7947, 90.6437,
58.9019

■ 16.9125, 7.9688,
45.9947

■ 76.8956, 91.7267,
59.0002

■ 15.9995, 7.2486,
45.9039

■ 79.0788, 92.8522,
59.1024

Harmonies

Analogous

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



37.6093, 38.5315, 54.0488



39.4766, 38.5315, 50.7041



40.6009, 38.5315, 45.1523

Triad

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



39.4766, 38.5315, 50.7041



37.7233, 38.5315, 31.8851



32.8860, 38.5315, 44.8165

Complementary

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



39.4766, 38.5315, 50.7041



40.2411, 45.4367, 40.8336

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.



32.9139, 38.5315, 38.9109



39.4766, 38.5315, 50.7041



35.6542, 38.5315, 31.8136

Square

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



39.4766, 38.5315, 50.7041



39.5628, 38.5315, 34.4793



33.9104, 38.5315, 34.2738



33.8326, 38.5315, 50.4383

Rectangle

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



39.4766, 38.5315, 50.7041



40.7520, 38.5315, 41.1284



33.9104, 38.5315, 34.2738



32.7828, 38.5315, 42.7911

Sweetspot

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



39.4777, 38.5331, 50.7049



78.6745, 80.7988, 93.6537



37.9408, 39.9181, 51.0533



16.8089, 17.1835, 20.1524



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.



39.4777, 38.5331, 50.7049



69.6244, 66.8961, 91.4473



41.0360, 39.3716, 49.1894



9.0556, 8.9950, 11.3384



11.1063, 5.0367, 31.6399



0.4568, 0.2112, 1.1184

Inverse Universe

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



39.9445, 38.9350, 43.4420



70.6391, 67.7639, 75.9240



38.8277, 44.6776, 42.1445



9.1360, 9.0648, 10.0635



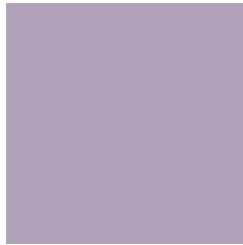
14.3512, 7.3142, 4.4701



0.5361, 0.2699, 0.3168

Previews

White Background



This preview shows how the XYZ color 39.4766, 38.5315, 50.7041 looks on a white background.

Color Contrast Check

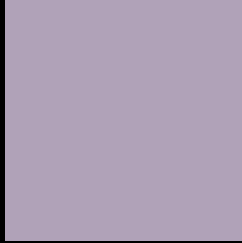
Large Text (above 18pt) WCAG AA × Fail

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 39.4766, 38.5315, 50.7041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

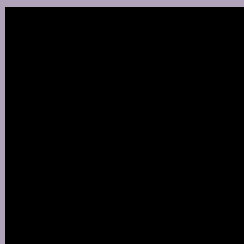
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4766, 38.5315, 50.7041

Background



This preview shows how black text looks on a background with the XYZ color 39.4766, 38.5315, 50.7041.



This preview shows how white text looks on a background with the XYZ color 39.4766, 38.5315,

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

39.4766, 38.5315, 50.7041

Protanopia

37.8090, 38.7101, 51.9334

Deuteranopia

39.2513, 38.4153, 50.6935



Tritanopia

38.6129, 38.4429, 46.4594

Trichromacy



Original Color

39.4766, 38.5315, 50.7041

Protanomaly

38.3605, 38.7379, 51.3543

Deuteranomaly

39.2513, 38.4153, 50.6935

Tritanomaly

38.9131, 38.5630, 48.0403

Monochromacy



Original Color

39.4766, 38.5315, 50.7041

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.2895, 39.0991, 45.5732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4766, 38.5315, 50.7041 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, 162, 184)` looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 184)  
}
```

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, 162, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.4766, 38.5315, 50.7041 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, 162, 184) }
```


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

```
.border{ border-color:rgb(176, 162, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 162, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 184);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4766, 38.5315, 50.7041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 162, 184) }
```

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

```
.background{ background-color: rgb(176,  
162, 184) }
```

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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