

Converting Colors

XYZ(39.2513, 38.4153, 50.6935)

Have a look what the booklet for
XYZ(39.2513, 38.4153, 50.6935)
contains.

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Color

**XYZ(39.2513, 38.4153,
50.6935)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA2B8
RGB	175, 162, 184
RGB Percent	69%, 64%, 72%
CMY	0.3137, 0.3647, 0.2784
CMYK	0.05, 0.12, 0.00, 0.28
HSL	275°, 13%, 68%
HSV	275°, 12%, 72%
XYZ	39.2513, 38.4153, 50.6935
YIQ	168.3950, 0.6860, 9.5980

Conversions

Conversions Part 2

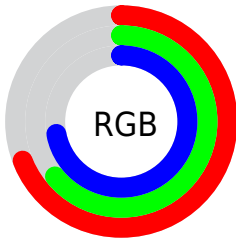
Format	Color
R_{YB}	175, 162, 184
Decimal	11510456
CIE Lab	68.33, 8.87, -9.62
CIE LCh	68, 13.086, 312.671
Yxy	38.4153, 0.3058, 0.2993
Android (android.graphics.Color)	4289700536 (0xFFAFA2B8)
YUV	168.3950, 7.6933, 5.7926
Hunter-Lab	61.9801, 4.5769, -5.1072

Details

The XYZ color **39.2513, 38.4153, 50.6935** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4579, 45.5485, 40.8436**, and the grayscale version is **37.3776, 39.3242, 42.8240**.

A 20% lighter version of the original color is **73.4960, 72.9059, 92.6367**, and **17.6987, 16.9281, 23.8074** is the 20% darker color. If you saturate the color by 10%, you get **34.6019, 31.5547, 49.6149**, and if you desaturate by 10%, it is **44.4715, 46.2763, 51.9363**.

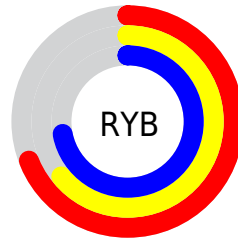
Distribution



Red (69%)

Green (64%)

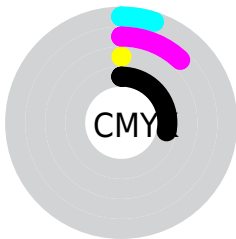
Blue (72%)



Red (69%)

Yellow (64%)

Blue (72%)

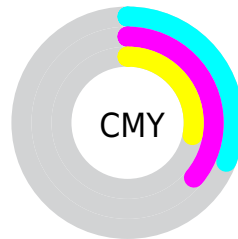


Cyan (5%)

Magenta (12%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2513, 38.4153, 50.6935 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 39.2513, 38.4153, 50.6935 by changing the saturation by 10% instead.

■ 39.2513, 38.4153,
50.6935

■ 39.2513, 38.4153,
50.6935

334.1465,
339.3982, 406.1843

■ 27.1369, 26.3052,
35.5897

■ 73.3137, 72.7442,
92.6084

■ 17.8132, 17.0521,
23.8303

■ 95.9923, 95.7318,
120.2566

■ 10.9148, 10.2716,
14.9968

122.9231,
123.1141, 152.9234

■ 6.0764, 5.5794,
8.6705

154.4714,
155.2753, 191.0272

■ 2.9327, 2.5911,
4.4330

191.0026,
192.5999, 234.9867

■ 1.1183, 0.9222,
1.8658

232.8819,

■ 0.0403, 0.0000,

235.4723, 285.2203

0.4708

280.4747,
284.2770, 342.1467

■ 0.0000, 0.0000,
0.0000

■ 39.2513, 38.4153,
50.6935

■ 39.2513, 38.4153,
50.6935

■ 34.6019, 31.5547,
49.6149

■ 44.4715, 46.2763,
51.9363

■ 30.4977, 25.6476,
48.6910

■ 50.2797, 55.1720,
53.3472

■ 26.9165, 20.6511,
47.9154

■ 56.6968, 65.1412,
54.9332

■ 23.8326, 16.5164,
47.2798

■ 63.7414, 76.2192,
56.7002

■ 21.2184, 13.1906,
46.7757

■ 71.4314, 88.4396,
58.6537

■ 19.0429, 10.6143,
46.3930

■ 73.9779, 90.2226,
58.8636

■ 17.2710, 8.7198,
46.1208

■ 76.3103, 91.4250,
58.9728

■ 15.8612, 7.4268,
45.9455

■ 78.7466, 92.6810,
59.0868

■ 14.9246, 6.6945,
45.8535

■ 81.2882, 93.9912,
59.2057

Harmonies

Analogous

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



37.3845, 38.4153, 53.8428



39.2513, 38.4153, 50.6935



40.4081, 38.4153, 45.2827

Triad

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



39.2513, 38.4153, 50.6935



37.6998, 38.4153, 31.9460



32.7986, 38.4153, 44.3545

Complementary

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



39.2513, 38.4153, 50.6935



40.4579, 45.5485, 40.8436

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.



32.8759, 38.4153, 38.5531



39.2513, 38.4153, 50.6935



35.6543, 38.4153, 31.7479

Square

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



39.2513, 38.4153, 50.6935



39.4896, 38.4153, 34.6301



33.9043, 38.4153, 34.0610



33.6891, 38.4153, 49.9594

Rectangle

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



39.2513, 38.4153, 50.6935



40.5953, 38.4153, 41.3035



33.9043, 38.4153, 34.0610



32.7132, 38.4153, 42.3563

Sweetspot

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



39.2524, 38.4169, 50.6943



78.5298, 80.7242, 93.6470



38.1479, 40.3324, 51.1223



16.7721, 17.1645, 20.1507



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.



39.2524, 38.4169, 50.6943



69.1441, 66.6485, 91.4248



41.1493, 39.4169, 49.7864



9.0160, 8.9746, 11.3365



10.3676, 4.6559, 31.6053



0.4338, 0.1994, 1.1174

Inverse Universe

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



40.0394, 38.9729, 43.9419



70.8401, 67.8443, 76.9822



38.7279, 44.6376, 41.6196



9.1528, 9.0715, 10.1522



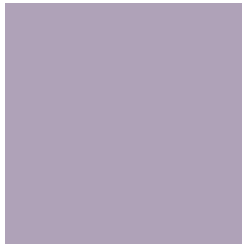
14.5385, 7.3892, 5.4566



0.5435, 0.2729, 0.3553

Previews

White Background



This preview shows how the XYZ color 39.2513, 38.4153, 50.6935 looks on a white background.

Color Contrast Check

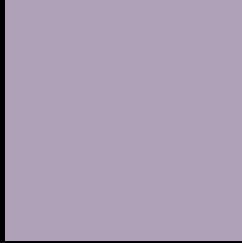
Large Text (above 18pt) WCAG AA × Fail

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 39.2513, 38.4153, 50.6935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

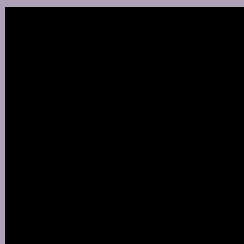
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2513, 38.4153, 50.6935

Background



This preview shows how black text looks on a background with the XYZ color 39.2513, 38.4153, 50.6935.



This preview shows how white text looks on a background with the XYZ color 39.2513, 38.4153,

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

39.2513, 38.4153, 50.6935

Protanopia

37.6279, 38.3480, 51.8731

Deuteranopia

39.2513, 38.4153, 50.6935



Tritanopia

38.3892, 38.3276, 46.4489

Trichromacy



Original Color

39.2513, 38.4153, 50.6935

Protanomaly

38.1809, 38.3785, 51.2944

Deuteranomaly

39.2513, 38.4153, 50.6935

Tritanomaly

38.6894, 38.4477, 48.0298

Monochromacy



Original Color

39.2513, 38.4153, 50.6935

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.0708, 38.9864, 45.5630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2513, 38.4153, 50.6935 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(175, 162, 184)` looks like.

```
.text, #text, p{  
    color:rgb(175, 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(175, 162, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 162, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.2513, 38.4153, 50.6935 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(175, 162, 184) }
```


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

```
.border{ border-color:rgb(175, 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(175, 162, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 162, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 162, 184);  
box-shadow:4px 4px 4px 4px rgb(175, 162,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2513, 38.4153, 50.6935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 162, 184) }
```

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

```
.background{ background-color: rgb(175,  
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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