

Converting Colors

XYZ(39.0974, 40.2298, 50.5042)

Have a look what the booklet for
XYZ(39.0974, 40.2298, 50.5042)
contains.

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Color

**XYZ(39.0974, 40.2298,
50.5042)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A9B7
RGB	169, 169, 183
RGB Percent	66%, 66%, 72%
CMY	0.3372, 0.3372, 0.2823
CMYK	0.08, 0.08, 0.00, 0.28
HSL	240°, 9%, 69%
HSV	240°, 8%, 72%
XYZ	39.0974, 40.2298, 50.5042
YIQ	170.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

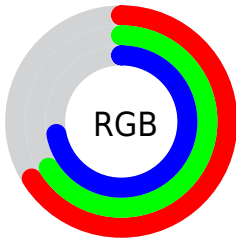
Format	Color
R_{YB}	169, 169, 183
Decimal	11119031
CIE _{Lab}	69.63, 2.75, -7.17
CIE _{LCh}	70, 7.682, 290.954
Yxy	40.2298, 0.3011, 0.3099
Android (android.graphics.Color)	4289309111 (0xFFA9A9B7)
YUV	170.5960, 6.1152, -1.3997
Hunter-Lab	63.4270, -0.9669, -2.8112

Details

The XYZ color **39.0974, 40.2298, 50.5042** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.6236, 46.7986, 44.2708**, and the grayscale version is **38.4791, 40.4830, 44.0860**.

A 20% lighter version of the original color is **72.9761, 75.3906, 92.3669**, and **17.7267, 18.1162, 23.6816** is the 20% darker color. If you saturate the color by 10%, you get **32.2740, 32.0086, 49.2776**, and if you desaturate by 10%, it is **46.9491, 49.6904, 51.9171**.

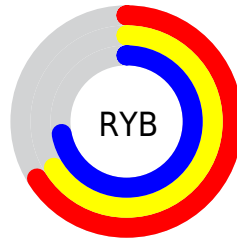
Distribution



Red (66%)

Green (66%)

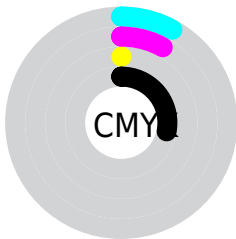
Blue (72%)



Red (66%)

Yellow (66%)

Blue (72%)

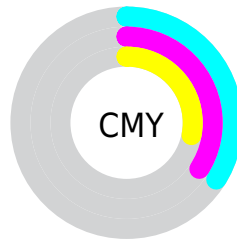


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (28%)



Cyan (34%)

Magenta (34%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0974, 40.2298, 50.5042 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 39.0974, 40.2298, 50.5042 by changing the saturation by 10% instead.

■ 39.0974, 40.2298,
50.5042

■ 39.0974, 40.2298,
50.5042

333.5045,
347.0912, 405.4258

■ 27.0166, 27.7178,
35.4402

■ 73.0802, 75.5133,
92.3255

■ 17.7223, 18.1130,
23.7159

■ 95.7129, 99.0536,
119.9198

■ 10.8493, 11.0312,
14.9128

122.5936,
127.0387, 152.5280

■ 6.0321, 6.0878,
8.6122

154.0876,
159.8531, 190.5686

■ 2.9055, 2.8985,
4.3958

190.5604,
197.8812, 234.4601

■ 1.1040, 1.0790,
1.8449

232.3772,

■ 0.0284, 0.0000,

241.5073, 284.6212

0.4573

279.9034,
291.1158, 341.4702

■ 0.0000, 0.0000,
0.0000

■ 39.0974, 40.2298,
50.5042

■ 39.0974, 40.2298,
50.5042

■ 32.2740, 32.0086,
49.2776

■ 46.9491, 49.6904,
51.9171

■ 26.4329, 24.9706,
48.2270

■ 55.8653, 60.4333,
53.5207

■ 21.5299, 19.0630,
47.3451

■ 65.8851, 72.5058,
55.3229

■ 17.5163, 14.2269,
46.6232

■ 77.0443, 85.9512,
57.3299

■ 14.3387, 10.3981,
46.0516

■ 85.5474, 96.1989,
58.8598

■ 11.9382, 7.5055,
45.6198

■ 10.2481, 5.4689,
45.3158

■ 9.1906, 4.1944,
45.1256

■ 8.6482, 3.5407,
45.0280

Harmonies

Analogous

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



37.8631, 40.2298, 50.9090



39.0974, 40.2298, 50.5042



40.1216, 40.2298, 48.2535

Triad

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



39.0974, 40.2298, 50.5042



39.7610, 40.2298, 38.7047



35.9275, 40.2298, 42.7371

Complementary

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



39.0974, 40.2298, 50.5042



43.6236, 46.7986, 44.2708

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.



36.4128, 40.2298, 39.6357



39.0974, 40.2298, 50.5042



38.6138, 40.2298, 37.3918

Square

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



39.0974, 40.2298, 50.5042



40.5105, 40.2298, 41.4034



37.3897, 40.2298, 37.7232



36.0506, 40.2298, 46.2944

Rectangle

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



39.0974, 40.2298, 50.5042



40.5387, 40.2298, 46.0729



37.3897, 40.2298, 37.7232



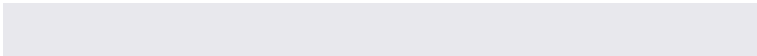
36.0245, 40.2298, 41.6098

Sweetspot

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



39.0986, 40.2315, 50.5051



77.6905, 81.2902, 91.8316



41.8193, 45.7119, 51.2923



17.1924, 17.9943, 20.2887



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.



39.0986, 40.2315, 50.5051



68.0769, 69.7070, 90.1025



40.5877, 40.9986, 50.5747



8.5212, 8.7197, 11.3134



5.9630, 2.3856, 31.3993



0.2102, 0.0842, 1.1069

Inverse Universe

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



40.8788, 41.3087, 43.3568



71.8516, 71.9910, 74.9456



42.0529, 45.9896, 44.1974



9.0047, 9.0122, 9.3721



13.6235, 7.0232, 0.6383



0.4803, 0.2476, 0.0226

Previews

White Background



This preview shows how the XYZ color 39.0974, 40.2298, 50.5042 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 39.0974, 40.2298, 50.5042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

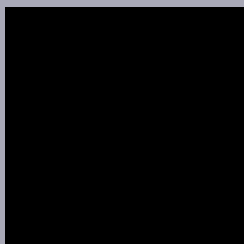
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

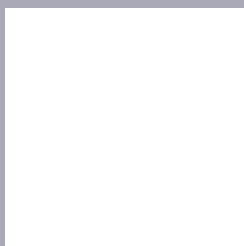
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0974, 40.2298, 50.5042

Background



This preview shows how black text looks on a background with the XYZ color 39.0974, 40.2298, 50.5042.

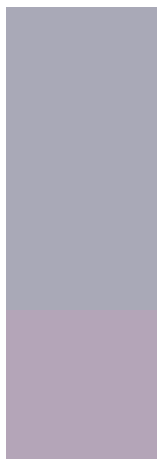


This preview shows how white text looks on a background with the XYZ color 39.0974, 40.2298,

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

39.0974, 40.2298, 50.5042

Protanopia

39.0974, 40.2298, 50.5042

Deuteranopia

40.9293, 40.0743, 50.9253



Tritanopia

38.9937, 40.1883, 49.9579

Trichromacy



Original Color

39.0974, 40.2298, 50.5042

Protanomaly

39.0974, 40.2298, 50.5042

Deuteranomaly

40.1924, 39.9632, 50.9427

Tritanomaly

38.9937, 40.1883, 49.9579

Monochromacy



Original Color

39.0974, 40.2298, 50.5042

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.6902, 40.3906, 46.3144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0974, 40.2298, 50.5042 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(169, 169, 183) looks like.

```
.text, #text, p{  
    color:rgb(169, 169, 183)  
}
```

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(169, 169, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 169, 183) }
```

Border

The CSS property to change the border of an element to XYZ 39.0974, 40.2298, 50.5042 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(169, 169, 183) }
```


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

```
.border{ border-color:rgb(169, 169, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 169, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 169, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 169, 183);  
box-shadow:4px 4px 4px 4px rgb(169, 169,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0974, 40.2298, 50.5042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 169, 183) }
```

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

```
.background{ background-color: rgb(169,  
169, 183) }
```

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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