

Converting Colors

XYZ(39.8804, 40.0919, 54.1653)

Have a look what the booklet for
XYZ(39.8804, 40.0919, 54.1653)
contains.

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Color

**XYZ(39.9076, 40.0131,
54.3351)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA7BE
RGB	171, 167, 190
RGB Percent	67%, 65%, 75%
CMY	0.3294, 0.3451, 0.2549
CMYK	0.10, 0.12, 0.00, 0.25
HSL	250°, 15%, 70%
HSV	250°, 12%, 75%
XYZ	39.9076, 40.0131, 54.3351
YIQ	170.8180, -4.9990, 8.0010

Conversions

Conversions Part 2

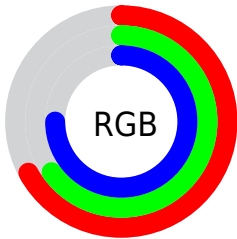
Format	Color
RYB	171, 167, 190
Decimal	11249598
CIELab	69.48, 5.96, -11.26
CIELCh	69, 12.740, 297.903
Yxy	40.0131, 0.2973, 0.2980
Android (android.graphics.Color)	4289439678 (0xFFABA7BE)
YUV	170.8180, 9.4567, 0.1596
Hunter-Lab	63.2559, 1.9162, -6.6494

Details

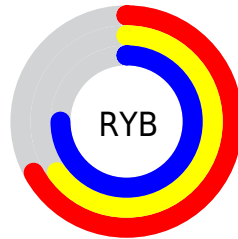
The XYZ color **39.9076, 40.0131, 54.3351** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.6396, 50.0570, 43.8177**, and the grayscale version is **38.5743, 40.5831, 44.1950**.

A 20% lighter version of the original color is **74.1199, 75.0651, 97.7713**, and **18.2538, 17.9895, 26.1772** is the 20% darker color. If you saturate the color by 10%, you get **33.4610, 31.8975, 53.1090**, and if you desaturate by 10%, it is **47.2741, 49.3642, 55.7524**.

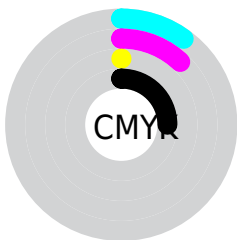
Distribution



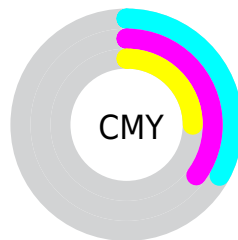
- Red (67%)
- Green (65%)
- Blue (75%)



- Red (67%)
- Yellow (65%)
- Blue (75%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9076, 40.0131, 54.3351 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 39.9076, 40.0131, 54.3351 by changing the saturation by 10% instead.

■ 39.9076, 40.0131,
54.3351

■ 39.9076, 40.0131,
54.3351

336.8751,
346.1788, 420.5973

■ 27.6504, 27.5488,
38.4746

■ 74.3080, 75.1835,
98.0274

■ 18.2014, 17.9858,
26.0466

■ 97.1820, 98.6583,
126.6964

■ 11.1952, 10.9398,
16.6324

124.3255,
126.5720, 160.4719

■ 6.2666, 6.0264,
9.8136

156.1040,
159.3091, 199.7726

■ 3.0500, 2.8611,
5.1715

192.8829,
197.2539, 245.0169

■ 1.1803, 1.0597,
2.2878

235.0275,

■ 0.0907, 0.0000,

240.7909, 296.6234

0.7244

282.9031,
290.3044, 355.0107

■ 0.0000, 0.0000,
0.0000

■ 39.9076, 40.0131,
54.3351

■ 39.9076, 40.0131,
54.3351

■ 33.4610, 31.8975,
53.1090

■ 47.2741, 49.3642,
55.7524

■ 27.8943, 24.9607,
52.0635

■ 55.5912, 59.9943,
57.3659

■ 23.1699, 19.1488,
51.1907

■ 64.8925, 71.9512,
59.1835

■ 19.2461, 14.4021,
50.4813

■ 75.2092, 85.2786,
61.2122

■ 16.0773, 10.6549,
49.9250

■ 84.2954, 95.4672,
62.7000

■ 13.6136, 7.8345,
49.5105

■ 86.2944, 96.4977,
62.7935

■ 11.7985, 5.8580,
49.2246

■ 10.5662, 4.6271,
49.0520

■ 9.9225, 4.0416,
48.9729

Harmonies

Analogous

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



37.8871, 40.0131, 55.8624



39.9076, 40.0131, 54.3351



41.4724, 40.0131, 49.8512

Triad

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



39.9076, 40.0131, 54.3351



40.1663, 40.0131, 34.6794



34.2233, 40.0131, 43.1554

Complementary

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



39.9076, 40.0131, 54.3351



45.6396, 50.0570, 43.8177

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.



34.7860, 40.0131, 37.8353



39.9076, 40.0131, 54.3351



38.1758, 40.0131, 33.2234

Square

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



39.9076, 40.0131, 54.3351



41.6255, 40.0131, 38.4908



36.2147, 40.0131, 34.3255



34.6501, 40.0131, 49.0720

Rectangle

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



39.9076, 40.0131, 54.3351



42.0208, 40.0131, 45.9785



36.2147, 40.0131, 34.3255



34.3025, 40.0131, 41.2422

Sweetspot

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



39.9088, 40.0148, 54.3360



82.9150, 85.9512, 100.4993



42.8259, 47.1224, 55.5541



17.9764, 18.5803, 22.0242



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



39.9088, 40.0148, 54.3360



68.4757, 67.6579, 97.7294



42.4845, 41.3426, 54.4565



9.1670, 9.3030, 11.9847



6.6451, 2.7117, 32.5661



0.3087, 0.1312, 1.2779

Inverse Universe

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



43.9182, 42.1315, 52.2737



77.4514, 72.3983, 93.0331



42.9942, 48.6933, 43.6939



9.8568, 9.6670, 11.6351



18.1910, 8.9076, 22.0972



0.7316, 0.3565, 0.9659

Previews

White Background



This preview shows how the XYZ color 39.9076, 40.0131, 54.3351 looks on a white background.

Color Contrast Check

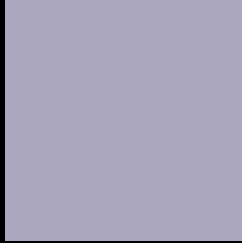
Large Text (above 18pt) WCAG AA × Fail

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 39.9076, 40.0131, 54.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

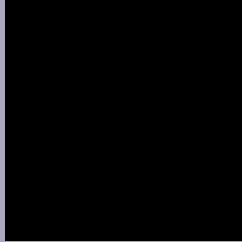
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9076, 40.0131, 54.3351

Background



This preview shows how black text looks on a background with the XYZ color 39.9076, 40.0131, 54.3351.



This preview shows how white text looks on a background with the XYZ color 39.9076, 40.0131,

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

39.9076, 40.0131, 54.3351

Protanopia

39.1325, 39.8738, 54.9241

Deuteranopia

40.6539, 39.8581, 54.2659



Tritanopia

39.0237, 39.9287, 49.9062

Trichromacy



Original Color

39.9076, 40.0131, 54.3351

Protanomaly

39.5551, 40.0917, 54.9439

Deuteranomaly

40.3860, 39.9888, 54.3052

Tritanomaly

39.3372, 40.0541, 51.5569

Monochromacy



Original Color

39.9076, 40.0131, 54.3351

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.2052, 40.6217, 47.8939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9076, 40.0131, 54.3351 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(171, 167, 190)` looks like.

```
.text, #text, p{  
    color:rgb(171, 167, 190)  
}
```

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(171, 167, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 167, 190) }
```

Border

The CSS property to change the border of an element to XYZ 39.9076, 40.0131, 54.3351 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(171, 167, 190) }
```


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

```
.border{ border-color:rgb(171, 167, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 167, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 167, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 167, 190);  
box-shadow:4px 4px 4px 4px rgb(171, 167,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9076, 40.0131, 54.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 167, 190) }
```

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

```
.background{ background-color: rgb(171,  
167, 190) }
```

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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