

Converting Colors

XYZ(39.1364, 41.5529, 46.6658)

Have a look what the booklet for
XYZ(39.1364, 41.5529, 46.6658)
contains.

XYZ(39.0436, 41.4173, 46.4940)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.0436, 41.4173,
46.4940)**

Conversions

Conversions Part 1

Format	Color
Hex	A9ADAF
RGB	169, 173, 175
RGB Percent	66%, 68%, 69%
CMY	0.3373, 0.3216, 0.3137
CMYK	0.03, 0.01, 0.00, 0.31
HSL	200°, 4%, 67%
HSV	200°, 3%, 69%
XYZ	39.0436, 41.4173, 46.4940
YIQ	172.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

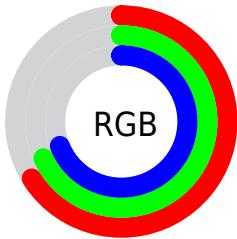
Format	Color
RYB	169, 171, 175
Decimal	11120047
CIELab	70.47, -1.02, -1.52
CIELCh	70, 1.834, 236.215
Yxy	41.4173, 0.3075, 0.3262
Android (android.graphics.Color)	4289310127 (0xFFA9ADAF)
YUV	172.0320, 1.4632, -2.6591
Hunter-Lab	64.3563, -4.3313, 2.2155

Details

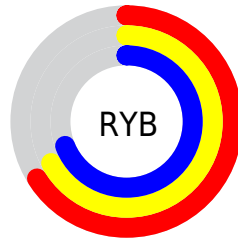
The XYZ color **39.0436, 41.4173, 46.4940** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.4036, 41.1039, 43.3937**, and the grayscale version is **39.2238, 41.2665, 44.9392**.

A 20% lighter version of the original color is **72.7668, 77.0473, 85.8993**, and **17.7486, 18.8867, 21.4489** is the 20% darker color. If you saturate the color by 10%, you get **34.4453, 37.4257, 45.9665**, and if you desaturate by 10%, it is **44.1956, 45.7689, 47.0630**.

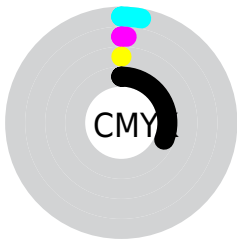
Distribution



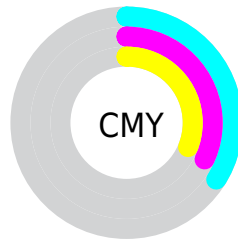
- Red (66%)
- Green (68%)
- Blue (69%)



- Red (66%)
- Yellow (67%)
- Blue (69%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



- Cyan (34%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0436, 41.4173, 46.4940 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 39.0436, 41.4173, 46.4940 by changing the saturation by 10% instead.

■ 39.0436, 41.4173,
46.4940

■ 39.0436, 41.4173,
46.4940

333.2798,
352.0617, 389.1263

■ 26.9745, 28.6453,
32.2843

■ 72.9986, 77.3170,
86.2999

■ 17.6906, 18.8127,
21.3122

■ 95.6152, 101.2134,
112.7332

■ 10.8264, 11.5350,
13.1589

122.4783,
129.5868, 144.0781

■ 6.0167, 6.4279,
7.4061

153.9534,
162.8215, 180.7533

■ 2.8960, 3.1070,
3.6350

190.4057,
201.3020, 223.1771

■ 1.0990, 1.1878,
1.4273

232.2006,

■ 0.0243, 0.0517,

245.4126, 271.7682

0.1629

279.7035,
295.5377, 326.9451

■ 0.0000, 0.0000,
0.0000

■ 39.0436, 41.4173,
46.4940

■ 39.0436, 41.4173,
46.4940

■ 34.4453, 37.4257,
45.9665

■ 44.1956, 45.7689,
47.0630

■ 30.3765, 33.7774,
45.4768

■ 49.9169, 50.4861,
47.6720

■ 26.8168, 30.4619,
45.0244

■ 56.2271, 55.5809,
48.3228

■ 23.7429, 27.4664,
44.6083

■ 63.1437, 61.0633,
49.0165

■ 21.1294, 24.7768,
44.2269

■ 70.1287, 66.6567,
49.7280

■ 18.9487, 22.3778,
43.8788

■ 71.5226, 69.4443,
50.1926

■ 17.1698, 20.2526,
43.5623

■ 72.9686, 72.3363,
50.6746

■ 15.7574, 18.3819,
43.2757

■ 74.4672, 75.3337,
51.1741

■ 14.6691, 16.7427,
43.0166

■ 76.0192, 78.4375,
51.6914

Harmonies

Analogous

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



38.8468, 41.4173, 45.8357



39.0436, 41.4173, 46.4940



39.3276, 41.4173, 46.7777

Triad

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



39.0436, 41.4173, 46.4940



39.9487, 41.4173, 45.2064



39.1097, 41.4173, 43.6195

Complementary

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



39.0436, 41.4173, 46.4940



39.4036, 41.1039, 43.3937

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.



39.4043, 41.4173, 43.4559



39.0436, 41.4173, 46.4940



39.8896, 41.4173, 44.3651

Square

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



39.0436, 41.4173, 46.4940



39.8509, 41.4173, 46.0283



39.6900, 41.4173, 43.7271



38.8848, 41.4173, 44.1771

Rectangle

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



39.0436, 41.4173, 46.4940



39.5284, 41.4173, 46.7136



39.6900, 41.4173, 43.7271



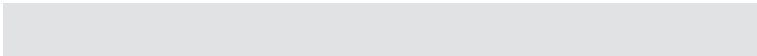
39.2038, 41.4173, 43.5169

Sweetspot

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



39.0448, 41.4191, 46.4949



72.0593, 75.9981, 83.5080



39.0339, 42.0321, 44.5344



16.0269, 16.9007, 18.5618



84.5950, 89.0005, 96.9216



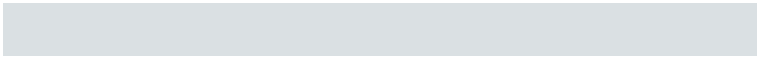
16.2198, 17.0645, 18.5832

Same Dimension

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



39.0448, 41.4191, 46.4949



69.3698, 73.7018, 83.2066



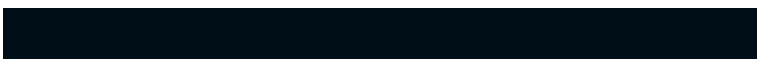
38.4941, 40.3177, 46.3114



8.4883, 9.0310, 10.2485



10.1343, 11.4025, 30.7113



0.3294, 0.4122, 0.8702

Inverse Universe

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



39.4109, 40.5078, 45.2789



70.1458, 71.7771, 80.6274



39.9580, 42.2127, 43.5785



8.5973, 8.7616, 9.8860



14.9790, 7.4541, 12.8007



0.4407, 0.2170, 0.4823

Previews

White Background



This preview shows how the XYZ color 39.0436, 41.4173, 46.4940 looks on a white background.

Color Contrast Check

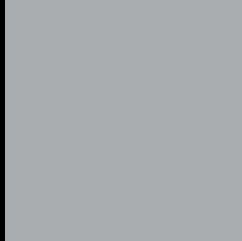
Large Text (above 18pt) WCAG AA × Fail

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 39.0436, 41.4173, 46.4940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

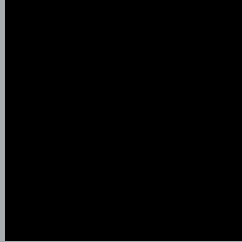
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0436, 41.4173, 46.4940

Background



This preview shows how black text looks on a background with the XYZ color 39.0436, 41.4173, 46.4940.



This preview shows how white text looks on a background with the XYZ color 39.0436, 41.4173,

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

39.0436, 41.4173, 46.4940

Protanopia

39.8821, 41.2958, 45.9133

Deuteranopia

42.1487, 41.3368, 46.8316



Tritanopia

40.1145, 41.2865, 51.7538

Trichromacy



Original Color

39.0436, 41.4173, 46.4940

Protanomaly

39.6261, 41.4453, 45.9556

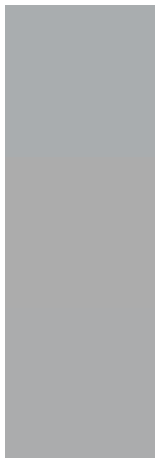
Deuteranomaly

40.8468, 41.2138, 46.8765

Tritanomaly

39.6706, 41.3873, 49.6137

Monochromacy



Original Color

39.0436, 41.4173, 46.4940

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.0899, 41.1801, 45.4235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0436, 41.4173, 46.4940 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, 173, 175)` looks like.

```
.text, #text, p{  
    color:rgb(169, 173, 175)  
}
```

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, 173, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 173, 175) }
```

Border

The CSS property to change the border of an element to XYZ 39.0436, 41.4173, 46.4940 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, 173, 175) }
```


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

```
.border{ border-color:rgb(169, 173, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 173, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 173, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 173, 175);  
box-shadow:4px 4px 4px 4px rgb(169, 173,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0436, 41.4173, 46.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 173, 175) }
```

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

```
.background{ background-color: rgb(169,  
173, 175) }
```

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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