

Converting Colors

XYZ(39.3689, 41.0351, 46.2981)

Have a look what the booklet for
XYZ(39.3689, 41.0351, 46.2981)
contains.

XYZ(39.3140, 40.9916, 46.3975)	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(39.3140, 40.9916,
46.3975)**

Conversions

Conversions Part 1

Format	Color
Hex	ACABAF
RGB	172, 171, 175
RGB Percent	67%, 67%, 69%
CMY	0.3255, 0.3294, 0.3137
CMYK	0.02, 0.02, 0.00, 0.31
HSL	255°, 2%, 68%
HSV	255°, 2%, 69%
XYZ	39.3140, 40.9916, 46.3975
YIQ	171.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

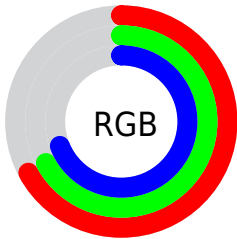
Format	Color
RYB	172, 171, 175
Decimal	11316143
CIELab	70.17, 1.12, -1.93
CIElCh	70, 2.232, 300.036
Yxy	40.9916, 0.3103, 0.3235
Android (android.graphics.Color)	4289506223 (0xFFACABAF)
YUV	171.7550, 1.5998, 0.2149
Hunter-Lab	64.0247, -2.4363, 1.8509

Details

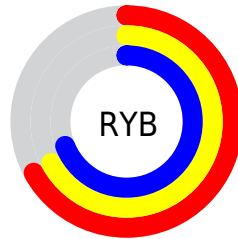
The XYZ color **39.3140, 40.9916, 46.3975** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1377, 42.6000, 44.6373**, and the grayscale version is **39.0822, 41.1176, 44.7770**.

A 20% lighter version of the original color is **73.1578, 76.4368, 85.7609**, and **17.9177, 18.6168, 21.3879** is the 20% darker color. If you saturate the color by 10%, you get **33.4834, 33.4003, 45.2401**, and if you desaturate by 10%, it is **45.8695, 49.6087, 47.7159**.

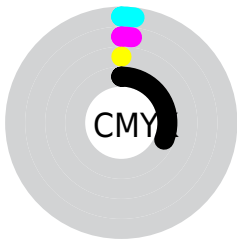
Distribution



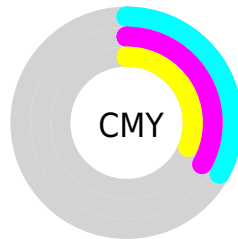
- Red (67%)
- Green (67%)
- Blue (69%)



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



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3140, 40.9916, 46.3975 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 39.3140, 40.9916, 46.3975 by changing the saturation by 10% instead.

■ 39.3140, 40.9916,
46.3975

■ 39.3140, 40.9916,
46.3975

334.4079,
350.2855, 388.7283

■ 27.1859, 28.3125,
32.2087

■ 73.4088, 76.6711,
86.1541

■ 17.8502, 18.5614,
21.2548

96.1061, 100.4404,
112.5590

■ 10.9415, 11.3538,
13.1173

123.0573,
128.6752, 143.8730

■ 6.0945, 6.3053,
7.3777

154.6277,
161.7598, 180.5146

■ 2.9439, 3.0316,
3.6174

191.1826,
200.0788, 222.9024

■ 1.1241, 1.1483,
1.4179

233.0873,

■ 0.0452, 0.0188,

244.0165, 271.4550

0.1556

280.7073,
293.9573, 326.5907

■ 0.0000, 0.0000,
0.0000

■ 39.3140, 40.9916,
46.3975

■ 39.3140, 40.9916,
46.3975

■ 33.4834, 33.4003,
45.2401

■ 45.8695, 49.6087,
47.7159

■ 28.3490, 26.7910,
44.2350

■ 53.1705, 59.2825,
49.1983

■ 23.8852, 21.1248,
43.3766

■ 61.2410, 70.0494,
50.8512

■ 20.0633, 16.3579,
42.6580

■ 70.1030, 81.9423,
52.6797

■ 16.8527, 12.4433,
42.0716

■ 78.6491, 92.7362,
54.3127

■ 14.2200, 9.3292,
41.6093

■ 83.2134, 95.0893,
54.5263

■ 12.1287, 6.9584,
41.2619

■ 84.7380, 95.8752,
54.5976

■ 10.5374, 5.2659,
41.0190

■ 9.3983, 4.1745,
40.8684

Harmonies

Analogous

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



38.9617, 40.9916, 46.6753



39.3140, 40.9916, 46.3975



39.5731, 40.9916, 45.6454

Triad

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



39.3140, 40.9916, 46.3975



39.3132, 40.9916, 42.9124



38.2630, 40.9916, 44.6341

Complementary

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



39.3140, 40.9916, 46.3975



40.1377, 42.6000, 44.6373

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.



38.3558, 40.9916, 43.6355



39.3140, 40.9916, 46.3975



38.9608, 40.9916, 42.6509

Square

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



39.3140, 40.9916, 46.3975



39.5727, 40.9916, 43.6333



38.6107, 40.9916, 42.9136



38.3562, 40.9916, 45.6476

Rectangle

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



39.3140, 40.9916, 46.3975



39.6573, 40.9916, 44.9819



38.6107, 40.9916, 42.9136



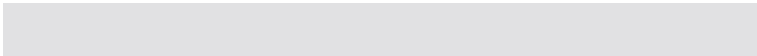
38.2734, 40.9916, 44.2856

Sweetspot

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



39.3152, 40.9934, 46.3984



71.8254, 75.2683, 83.3795



39.6827, 42.0522, 46.5834



15.9777, 16.7472, 18.5347



84.5950, 89.0005, 96.9216



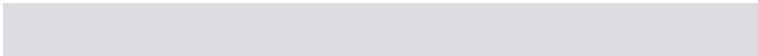
16.2198, 17.0645, 18.5832

Same Dimension

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



39.3152, 40.9934, 46.3984



69.5637, 72.3083, 82.9274



39.7428, 41.2138, 46.4184



8.4840, 8.7946, 10.2031



6.3234, 2.6197, 29.2169



0.2258, 0.0986, 0.8151

Inverse Universe

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



39.8835, 41.2976, 45.9157



70.9181, 73.0335, 81.7734



39.7099, 42.3794, 44.6172



8.6866, 8.9031, 10.0299



15.6369, 7.7173, 16.2652



0.4552, 0.2227, 0.5586

Previews

White Background



This preview shows how the XYZ color 39.3140, 40.9916, 46.3975 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 39.3140, 40.9916, 46.3975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

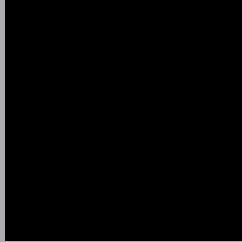
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

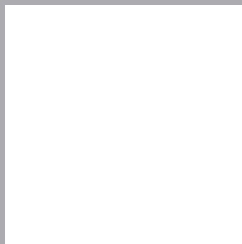
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3140, 40.9916, 46.3975

Background



This preview shows how black text looks on a background with the XYZ color 39.3140, 40.9916, 46.3975.



This preview shows how white text looks on a background with the XYZ color 39.3140, 40.9916,

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

39.3140, 40.9916, 46.3975

Protanopia

39.5344, 41.1052, 46.4079

Deuteranopia

41.7224, 40.8461, 46.7594



Tritanopia

40.1555, 41.0526, 50.6073

Trichromacy



Original Color

39.3140, 40.9916, 46.3975

Protanomaly

39.5344, 41.1052, 46.4079

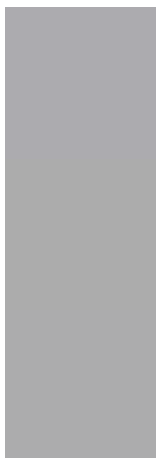
Deuteranomaly

40.8952, 40.9636, 46.8257

Tritanomaly

39.8465, 40.9290, 48.9800

Monochromacy



Original Color

39.3140, 40.9916, 46.3975

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.3086, 41.2928, 45.4337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3140, 40.9916, 46.3975 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(172, 171, 175)` looks like.

```
.text, #text, p{  
    color:rgb(172, 171, 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(172, 171, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 171, 175) }
```

Border

The CSS property to change the border of an element to XYZ 39.3140, 40.9916, 46.3975 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(172, 171, 175) }
```


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

```
.border{ border-color:rgb(172, 171, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 171, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 171, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 171, 175);  
box-shadow:4px 4px 4px 4px rgb(172, 171,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3140, 40.9916, 46.3975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 171, 175) }
```

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

```
.background{ background-color: rgb(172,  
171, 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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