

Converting Colors

XYZ(41.1597, 43.4459, 49.4132)

Have a look what the booklet for
XYZ(41.1597, 43.4459, 49.4132)
contains.

XYZ(40.9971, 43.2302, 49.3635)	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(40.9971, 43.2302,
49.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB0B4
RGB	173, 176, 180
RGB Percent	68%, 69%, 71%
CMY	0.3216, 0.3098, 0.2941
CMYK	0.04, 0.02, 0.00, 0.29
HSL	214°, 4%, 69%
HSV	214°, 4%, 71%
XYZ	40.9971, 43.2302, 49.3635
YIQ	175.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

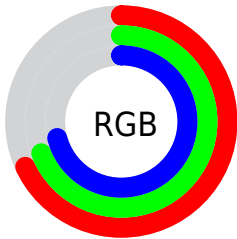
Format	Color
RYB	173, 175, 180
Decimal	11382964
CIELab	71.71, -0.28, -2.42
CIELCh	72, 2.433, 263.343
Yxy	43.2302, 0.3069, 0.3236
Android (android.graphics.Color)	4289573044 (0xFFADB0B4)
YUV	175.5590, 2.1894, -2.2442
Hunter-Lab	65.7497, -3.7613, 1.5111

Details

The XYZ color **40.9971, 43.2302, 49.3635** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0874, 44.1641, 45.8420**, and the grayscale version is **41.0285, 43.1652, 47.0069**.

A 20% lighter version of the original color is **75.9918, 80.2633, 90.8441**, and **18.9236, 20.0126, 22.9441** is the 20% darker color. If you saturate the color by 10%, you get **35.3426, 37.4371, 48.5440**, and if you desaturate by 10%, it is **47.3429, 49.6086, 50.2609**.

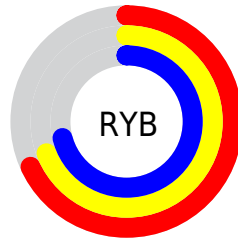
Distribution



Red (68%)

Green (69%)

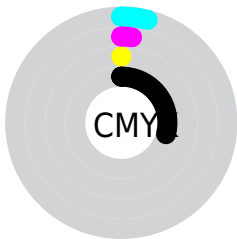
Blue (71%)



Red (68%)

Yellow (69%)

Blue (71%)

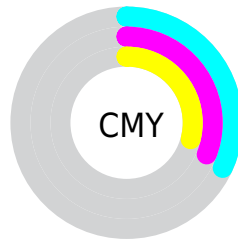


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (32%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9971, 43.2302, 49.3635 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 40.9971, 43.2302, 49.3635 by changing the saturation by 10% instead.

■ 40.9971, 43.2302,
49.3635

■ 40.9971, 43.2302,
49.3635

341.3713,
359.5576, 400.8351

■ 28.5045, 30.0658,
34.5403

■ 75.9542, 80.0581,
90.6177

■ 18.8487, 19.8885,
23.0283

99.1494, 104.4904,
117.8857

■ 11.6643, 12.3140,
14.4089

126.6429,
133.4474, 150.1391

■ 6.5861, 6.9579,
8.2636

158.8000,
167.3136, 187.7963

■ 3.2487, 3.4358,
4.1739

195.9860,
206.4733, 231.2760

■ 1.2866, 1.3633,
1.7212

238.5663,

■ 0.1731, 0.1894,

251.3110, 280.9967

0.3752

286.9063,
302.2109, 337.3769

■ 0.0000, 0.0000,
0.0000

■ 40.9971, 43.2302,
49.3635

■ 40.9971, 43.2302,
49.3635

■ 35.3426, 37.4371,
48.5440

■ 47.3429, 49.6086,
50.2609

■ 30.3512, 32.2061,
47.7974

■ 54.3997, 56.5837,
51.2353

■ 25.9977, 27.5204,
47.1224

■ 62.1909, 64.1735,
52.2896

■ 22.2543, 23.3602,
46.5167

■ 70.7377, 72.3933,
53.4257

■ 19.0907, 19.7044,
45.9778

■ 77.0551, 79.7088,
54.5048

■ 16.4738, 16.5301,
45.5030

■ 79.9572, 85.5130,
55.4721

■ 14.3670, 13.8124,
45.0895

■ 83.0300, 91.6586,
56.4964

■ 12.7284, 11.5232,
44.7340

■ 85.2383, 96.0753,
57.2325

■ 11.5083, 9.6304,
44.4330

Harmonies

Analogous

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



40.6171, 43.2302, 48.9168



40.9971, 43.2302, 49.3635



41.4042, 43.2302, 49.1876

Triad

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



40.9971, 43.2302, 49.3635



41.8218, 43.2302, 46.1757



40.4558, 43.2302, 45.7268

Complementary

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



40.9971, 43.2302, 49.3635



42.0874, 44.1641, 45.8420

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.



40.7754, 43.2302, 45.0148



40.9971, 43.2302, 49.3635



41.5645, 43.2302, 45.2709

Square

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



40.9971, 43.2302, 49.3635



41.8821, 43.2302, 47.3342



41.1811, 43.2302, 44.8493



40.3060, 43.2302, 46.8074

Rectangle

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



40.9971, 43.2302, 49.3635



41.6360, 43.2302, 48.7422



41.1811, 43.2302, 44.8493



40.5469, 43.2302, 45.4371

Sweetspot

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



40.9983, 43.2320, 49.3644



77.5116, 81.5988, 89.9595



41.4879, 44.7004, 48.0196



16.7662, 17.6497, 19.4453



86.6293, 91.1408, 99.2523



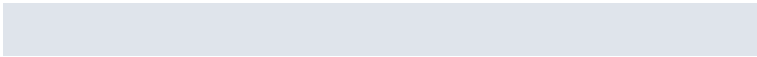
17.0014, 17.8868, 19.4787

Same Dimension

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



40.9983, 43.2320, 49.3644



73.0456, 77.0755, 89.3217



40.5193, 42.1206, 49.1752



8.8036, 9.2918, 10.8358



7.6770, 6.1543, 30.9203



0.2999, 0.3103, 0.9923

Inverse Universe

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



41.6034, 42.7258, 47.1307



74.4720, 75.8961, 84.0521



42.5786, 45.3077, 46.0368



8.9935, 9.1356, 10.1341



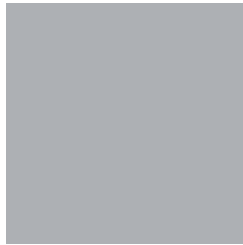
14.1096, 7.1614, 5.7373



0.4734, 0.2371, 0.3356

Previews

White Background



This preview shows how the XYZ color 40.9971, 43.2302, 49.3635 looks on a white background.

Color Contrast Check

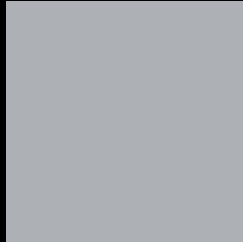
Large Text (above 18pt) WCAG AA × Fail

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 40.9971, 43.2302, 49.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

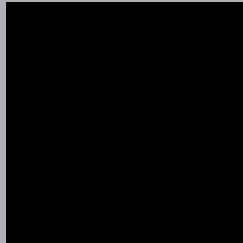
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9971, 43.2302, 49.3635

Background



This preview shows how black text looks on a background with the XYZ color 40.9971, 43.2302, 49.3635.



This preview shows how white text looks on a background with the XYZ color 40.9971, 43.2302,

49.3635.

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

40.9971, 43.2302, 49.3635

Protanopia

41.8268, 43.3796, 48.8164

Deuteranopia

43.9504, 43.0328, 49.7058



Tritanopia

41.8626, 43.2895, 53.7263

Trichromacy



Original Color

40.9971, 43.2302, 49.3635

Protanomaly

41.3712, 43.1447, 48.7951

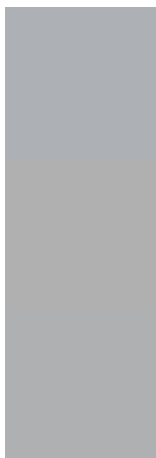
Deuteranomaly

42.8602, 43.0316, 49.7630

Tritanomaly

41.5425, 43.1614, 52.0404

Monochromacy



Original Color

40.9971, 43.2302, 49.3635

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.1403, 43.3390, 47.7919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9971, 43.2302, 49.3635 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(173, 176, 180)` looks like.

```
.text, #text, p{  
    color:rgb(173, 176, 180)  
}
```

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(173, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 176, 180) }
```

Border

The CSS property to change the border of an element to XYZ 40.9971, 43.2302, 49.3635 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(173, 176, 180) }
```


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

```
.border{ border-color:rgb(173, 176, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 176, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 176, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 176, 180);  
box-shadow:4px 4px 4px 4px rgb(173, 176,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9971, 43.2302, 49.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 176, 180) }
```

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

```
.background{ background-color: rgb(173,  
176, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor