

Converting Colors

XYZ(39.8257, 41.6966, 47.3810)

Have a look what the booklet for
XYZ(39.8257, 41.6966, 47.3810)
contains.

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Color

**XYZ(39.8926, 41.8321,
47.5668)**

Conversions

Conversions Part 1

Format	Color
Hex	ACADB1
RGB	172, 173, 177
RGB Percent	67%, 68%, 69%
CMY	0.3255, 0.3216, 0.3059
CMYK	0.03, 0.02, 0.00, 0.31
HSL	228°, 3%, 68%
HSV	228°, 3%, 69%
XYZ	39.8926, 41.8321, 47.5668
YIQ	173.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

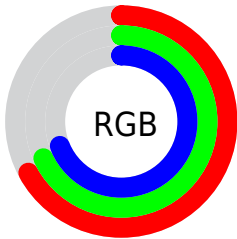
Format	Color
RYB	172, 173, 177
Decimal	11316657
CIELab	70.76, 0.41, -2.18
CIELCh	71, 2.217, 280.782
Yxy	41.8321, 0.3085, 0.3235
Android (android.graphics.Color)	4289506737 (0xFFACADB1)
YUV	173.1570, 1.8946, -1.0147
Hunter-Lab	64.6777, -3.0890, 1.6700

Details

The XYZ color **39.8926, 41.8321, 47.5668** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.1032, 43.3758, 45.2363**, and the grayscale version is **39.7929, 41.8652, 45.5912**.

A 20% lighter version of the original color is **74.1299, 77.7009, 88.1815**, and **18.2212, 19.1231, 21.7995** is the 20% darker color. If you saturate the color by 10%, you get **33.6929, 34.8203, 46.5408**, and if you desaturate by 10%, it is **46.8995, 49.6889, 48.7146**.

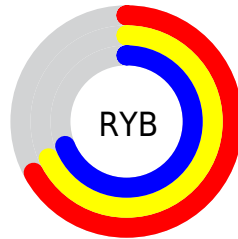
Distribution



Red (67%)

Green (68%)

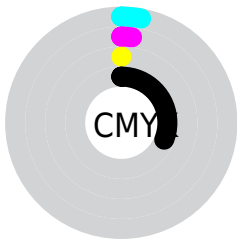
Blue (69%)



Red (67%)

Yellow (68%)

Blue (69%)

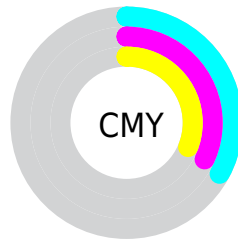


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (31%)



Cyan (33%)

Magenta (32%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8926, 41.8321, 47.5668 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 39.8926, 41.8321, 47.5668 by changing the saturation by 10% instead.

■ 39.8926, 41.8321,
47.5668

■ 39.8926, 41.8321,
47.5668

336.8129,
353.7865, 393.5315

■ 27.6387, 28.9698,
33.1264

■ 74.2853, 77.9455,
87.9179

■ 18.1925, 19.0580,
21.9514

97.1548, 101.9653,
114.6657

■ 11.1888, 11.7122,
13.6232

124.2935,
130.4732, 146.3530

■ 6.2622, 6.5480,
7.7233

156.0668,
163.8535, 183.3984

■ 3.0473, 3.1811,
3.8332

192.8400,
202.4906, 226.2204

■ 1.1788, 1.2270,
1.5343

234.9785,

■ 0.0896, 0.0836,

246.7688, 275.2375

0.2433

282.8477,
297.0727, 330.8684

■ 0.0000, 0.0000,
0.0000

■ 39.8926, 41.8321,
47.5668

■ 39.8926, 41.8321,
47.5668

■ 33.6929, 34.8203,
46.5408

■ 46.8995, 49.6889,
48.7146

■ 28.2676, 28.6200,
45.6299

■ 54.7377, 58.4123,
49.9853

■ 23.5869, 23.2029,
44.8310

■ 63.4347, 68.0298,
51.3833

■ 19.6176, 18.5374,
44.1397

■ 73.0157, 78.5659,
52.9120

■ 16.3242, 14.5896,
43.5513

■ 81.4517, 88.9860,
54.4786

■ 13.6679, 11.3229,
43.0608

■ 84.9359, 95.9544,
55.6400

■ 11.6056, 8.6972,
42.6626

■ 10.0890, 6.6682,
42.3509

■ 9.0613, 5.1852,
42.1189

Harmonies

Analogous

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



39.5278, 41.8321, 47.4875



39.8926, 41.8321, 47.5668



40.2239, 41.8321, 47.0990

Triad

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



39.8926, 41.8321, 47.5668



40.2981, 41.8321, 44.2379



39.0961, 41.8321, 44.8846

Complementary

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



39.8926, 41.8321, 47.5668



41.1032, 43.3758, 45.2363

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.



39.3000, 41.8321, 44.0316



39.8926, 41.8321, 47.5668



39.9934, 41.8321, 43.6622

Square

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



39.8926, 41.8321, 47.5668



40.4589, 41.8321, 45.1702



39.6280, 41.8321, 43.5872



39.0695, 41.8321, 45.9280

Rectangle

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



39.8926, 41.8321, 47.5668



40.3806, 41.8321, 46.5439



39.6280, 41.8321, 43.5872



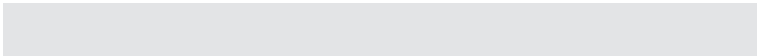
39.1461, 41.8321, 44.5665

Sweetspot

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



39.8938, 41.8339, 47.5677



73.6075, 77.3522, 85.5462



40.5642, 43.3469, 47.2605



15.9664, 16.7798, 18.5416



84.5950, 89.0005, 96.9216



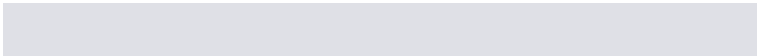
16.2198, 17.0645, 18.5832

Same Dimension

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



39.8938, 41.8339, 47.5677



71.1803, 74.6213, 85.1470



40.0148, 41.6118, 47.5185



8.9816, 9.4078, 10.8488



6.2318, 3.2639, 30.4385



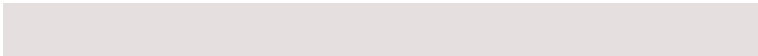
0.2364, 0.1834, 0.9712

Inverse Universe

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



40.4277, 41.8700, 45.4882



72.2118, 74.6918, 81.1293



40.9796, 43.6051, 45.2871



9.1419, 9.4191, 10.2243



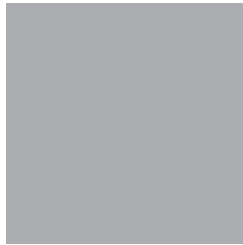
13.3802, 6.8696, 1.8960



0.4414, 0.2243, 0.1669

Previews

White Background



This preview shows how the XYZ color 39.8926, 41.8321, 47.5668 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 39.8926, 41.8321, 47.5668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

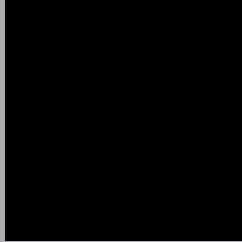
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8926, 41.8321, 47.5668

Background



This preview shows how black text looks on a background with the XYZ color 39.8926, 41.8321, 47.5668.



This preview shows how white text looks on a background with the XYZ color 39.8926, 41.8321,

47.5668.

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

39.8926, 41.8321, 47.5668

Protanopia

40.2682, 41.7536, 47.0112

Deuteranopia

42.5320, 41.7844, 47.9430



Tritanopia

40.7431, 41.8921, 51.8375

Trichromacy



Original Color

39.8926, 41.8321, 47.5668

Protanomaly

40.0446, 41.6383, 47.0007

Deuteranomaly

41.7020, 41.9089, 48.0108

Tritanomaly

40.4296, 41.7667, 50.1869

Monochromacy



Original Color

39.8926, 41.8321, 47.5668

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.8171, 41.8274, 46.0193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8926, 41.8321, 47.5668 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, 173, 177)` looks like.

```
.text, #text, p{  
    color:rgb(172, 173, 177)  
}
```

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, 173, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 173, 177) }
```

Border

The CSS property to change the border of an element to XYZ 39.8926, 41.8321, 47.5668 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, 173, 177) }
```


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

```
.border{ border-color:rgb(172, 173, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 173, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 173, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 173, 177);  
box-shadow:4px 4px 4px 4px rgb(172, 173,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8926, 41.8321, 47.5668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 173, 177) }
```

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

```
.background{ background-color: rgb(172,  
173, 177) }
```

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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