

Converting Colors

XYZ(38.9985, 40.0893, 46.2564)

Have a look what the booklet for
XYZ(38.9985, 40.0893, 46.2564)
contains.

XYZ(38.9741, 39.9846, 46.2211)	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(38.9741, 39.9846,
46.2211)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA8AF
RGB	173, 168, 175
RGB Percent	68%, 66%, 69%
CMY	0.3216, 0.3412, 0.3137
CMYK	0.01, 0.04, 0.00, 0.31
HSL	283°, 4%, 67%
HSV	283°, 4%, 69%
XYZ	38.9741, 39.9846, 46.2211
YIQ	170.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

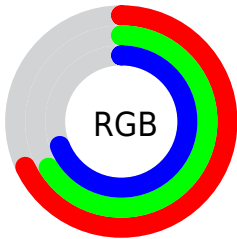
Format	Color
RYB	173, 168, 175
Decimal	11380911
CIELab	69.46, 3.11, -2.97
CIELCh	69, 4.297, 316.311
Yxy	39.9846, 0.3113, 0.3194
Android (android.graphics.Color)	4289570991 (0xFFADA8AF)
YUV	170.2930, 2.3206, 2.3740
Hunter-Lab	63.2334, -0.6393, 0.9247

Details

The XYZ color **38.9741, 39.9846, 46.2211** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9768, 42.0342, 43.1068**, and the grayscale version is **38.3441, 40.3410, 43.9313**.

A 20% lighter version of the original color is **72.6655, 74.9825, 85.5061**, and **17.7057, 17.9858, 21.2773** is the 20% darker color. If you saturate the color by 10%, you get **34.8734, 33.3939, 45.1657**, and if you desaturate by 10%, it is **43.5533, 47.4697, 47.4251**.

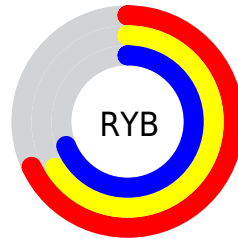
Distribution



Red (68%)

Green (66%)

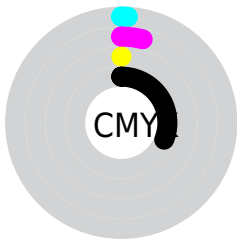
Blue (69%)



Red (68%)

Yellow (66%)

Blue (69%)

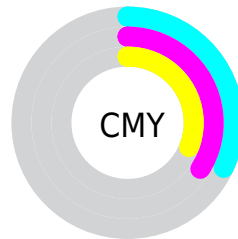


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (31%)



Cyan (32%)

Magenta (34%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9741, 39.9846, 46.2211 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 38.9741, 39.9846, 46.2211 by changing the saturation by 10% instead.

■ 38.9741, 39.9846,
46.2211

■ 38.9741, 39.9846,
46.2211

332.9894,
346.0587, 388.0002

■ 26.9202, 27.5265,
32.0704

■ 72.8931, 75.1401,
85.8876

■ 17.6496, 17.9691,
21.1500

■ 95.4889, 98.6063,
112.2404

■ 10.7969, 10.9278,
13.0414

122.3294,
126.5106, 143.4977

■ 5.9967, 6.0183,
7.3260

153.7799,
159.2375, 180.0780

■ 2.8837, 2.8562,
3.5853

190.2058,
197.1714, 222.3999

■ 1.0926, 1.0571,
1.4007

231.9724,

■ 0.0189, 0.0000,

240.6966, 270.8819

0.1423

279.4452,
290.1976, 325.9425

■ 0.0000, 0.0000,
0.0000

■ 38.9741, 39.9846,
46.2211

■ 38.9741, 39.9846,
46.2211

■ 34.8734, 33.3939,
45.1657

■ 43.5533, 47.4697,
47.4251

■ 31.2300, 27.6577,
44.2505

■ 48.6243, 55.8768,
48.7806

■ 28.0264, 22.7407,
43.4703

■ 54.2041, 65.2388,
50.2935

■ 25.2422, 18.6032,
42.8184

■ 60.3078, 75.5852,
51.9689

■ 22.8555, 15.2019,
42.2877

■ 66.7888, 86.6220,
53.7576

■ 20.8423, 12.4896,
41.8703

■ 68.1291, 87.3130,
53.8204

■ 19.1757, 10.4132,
41.5573

■ 69.5134, 88.0266,
53.8852

■ 17.8248, 8.9117,
41.3387

■ 70.9420, 88.7631,
53.9520

■ 16.7526, 7.9117,
41.2022

■ 72.4153, 89.5226,
54.0210

Harmonies

Analogous

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



38.3789, 39.9846, 47.2958



38.9741, 39.9846, 46.2211



39.3112, 39.9846, 44.4442

Triad

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



38.9741, 39.9846, 46.2211



38.3198, 39.9846, 39.9392



36.7418, 39.9846, 44.6151

Complementary

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



38.9741, 39.9846, 46.2211



38.9768, 42.0342, 43.1068

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.



36.7264, 39.9846, 42.6411



38.9741, 39.9846, 46.2211



37.6318, 39.9846, 39.9818

Square

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



38.9741, 39.9846, 46.2211



38.9304, 39.9846, 40.8396



37.0505, 39.9846, 40.9578



37.0928, 39.9846, 46.3495

Rectangle

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



38.9741, 39.9846, 46.2211



39.3416, 39.9846, 43.1191



37.0505, 39.9846, 40.9578



36.6974, 39.9846, 43.9565

Sweetspot

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



38.9752, 39.9863, 46.2220



72.1558, 75.4386, 83.3950



38.2813, 40.2086, 46.3014



16.0472, 16.7830, 18.5380



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.



38.9752, 39.9863, 46.2220



68.9621, 70.2521, 82.5622



39.2840, 40.1613, 45.5226



8.4534, 8.5837, 10.1640



11.6594, 5.3705, 29.4666



0.3746, 0.1753, 0.8221

Inverse Universe

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



38.9389, 40.0232, 43.7050



68.8828, 70.3374, 76.8572



38.6789, 41.8654, 43.7772



8.4428, 8.5953, 9.3946



13.0966, 6.7012, 2.8884



0.3881, 0.1959, 0.2057

Previews

White Background



This preview shows how the XYZ color 38.9741, 39.9846, 46.2211 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 38.9741, 39.9846, 46.2211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

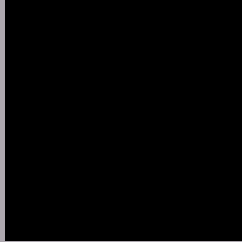
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9741, 39.9846, 46.2211

Background



This preview shows how black text looks on a background with the XYZ color 38.9741, 39.9846, 46.2211.



This preview shows how white text looks on a background with the XYZ color 38.9741, 39.9846,

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

38.9741, 39.9846, 46.2211

Protanopia

38.7204, 40.1290, 46.2623

Deuteranopia

40.6404, 39.7528, 46.6054



Tritanopia

39.5125, 39.9314, 48.8050

Trichromacy



Original Color

38.9741, 39.9846, 46.2211

Protanomaly

38.9391, 40.2417, 46.2726

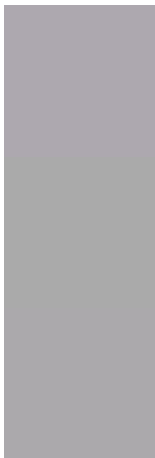
Deuteranomaly

39.8820, 39.6286, 46.6214

Tritanomaly

39.3102, 39.8505, 47.7395

Monochromacy



Original Color

38.9741, 39.9846, 46.2211

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.4289, 40.0124, 44.7275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9741, 39.9846, 46.2211 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, 168, 175)` looks like.

```
.text, #text, p{  
    color:rgb(173, 168, 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(173, 168, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 168, 175) }
```

Border

The CSS property to change the border of an element to XYZ 38.9741, 39.9846, 46.2211 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, 168, 175) }
```


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

```
.border{ border-color:rgb(173, 168, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 168, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 168, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 168, 175);  
box-shadow:4px 4px 4px 4px rgb(173, 168,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9741, 39.9846, 46.2211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 168, 175) }
```

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

```
.background{ background-color: rgb(173,  
168, 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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