

Converting Colors

XYZ(39.5117, 38.8489, 46.4303)

Have a look what the booklet for
XYZ(39.5117, 38.8489, 46.4303)
contains.

XYZ(39.5241, 38.9127, 46.5021)	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(39.5241, 38.9127,
46.5021)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A3B0
RGB	179, 163, 176
RGB Percent	70%, 64%, 69%
CMY	0.2980, 0.3608, 0.3098
CMYK	0.00, 0.09, 0.02, 0.30
HSL	311°, 10%, 67%
HSV	311°, 9%, 70%
XYZ	39.5241, 38.9127, 46.5021
YIQ	169.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

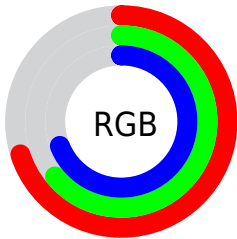
Format	Color
RYB	179, 163, 176
Decimal	11772848
CIELab	68.69, 8.17, -4.60
CIElCh	69, 9.375, 330.608
Yxy	38.9127, 0.3163, 0.3115
Android (android.graphics.Color)	4289962928 (0xFFB3A3B0)
YUV	169.2660, 3.3199, 8.5367
Hunter-Lab	62.3800, 3.9328, -0.5326

Details

The XYZ color **39.5241, 38.9127, 46.5021** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1088, 42.7810, 42.3275**, and the grayscale version is **37.8269, 39.7969, 43.3388**.

A 20% lighter version of the original color is **73.8978, 73.6312, 86.6613**, and **17.9267, 17.2597, 21.4554** is the 20% darker color. If you saturate the color by 10%, you get **36.2404, 32.8699, 43.7894**, and if you desaturate by 10%, it is **43.2681, 45.8619, 49.4097**.

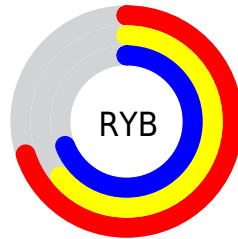
Distribution



Red (70%)

Green (64%)

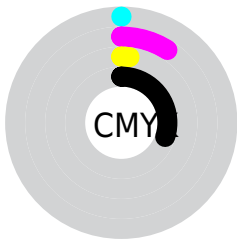
Blue (69%)



Red (70%)

Yellow (64%)

Blue (69%)

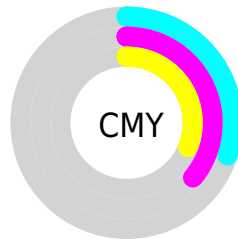


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (30%)



Cyan (30%)


Magenta (36%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5241, 38.9127, 46.5021 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 39.5241, 38.9127, 46.5021 by changing the saturation by 10% instead.


 39.5241, 38.9127,
46.5021


 39.5241, 38.9127,
46.5021


335.2825,
341.5192, 389.1597

 27.3502, 26.6918,
32.2907


 73.7272, 73.5049,
86.3121

 17.9744, 17.3419,
21.3170

 96.4872, 96.6451,
112.7478

 11.0312, 10.4786,
13.1624


123.5067,
124.1938, 144.0954

 6.1553, 5.7174,
7.4084

155.1509,
156.5354, 180.7733

 2.9813, 2.6740,
3.6365

191.7852,
194.0544, 223.2001

 1.1439, 0.9640,
1.4281

233.7750,

 0.0613, 0.0000,

237.1350, 271.7945

0.1635

281.4857,
286.1619, 326.9748

■ 0.0000, 0.0000,
0.0000

■ 39.5241, 38.9127,
46.5021

■ 39.5241, 38.9127,
46.5021

■ 36.2404, 32.8699,
43.7894

■ 43.2681, 45.8619,
49.4097

■ 33.3949, 27.6907,
41.2625

■ 47.4868, 53.7478,
52.5159

■ 30.9684, 23.3367,
38.9152

■ 52.1980, 62.6056,
55.8275

■ 28.9391, 19.7643,
36.7400

■ 57.4179, 72.4672,
59.3499

■ 27.2833, 16.9261,
34.7286

■ 63.1616, 83.3629,
63.0885

■ 25.9746, 14.7695,
32.8720

■ 64.3307, 85.0959,
65.3443

■ 24.9831, 13.2347,
31.1599

■ 64.7176, 85.2506,
67.3815

■ 24.2739, 12.2518,
29.5803

■ 65.1131, 85.4088,
69.4640

■ 23.7832, 11.6939,
28.1118

■ 65.5172, 85.5705,
71.5922

Harmonies

Analogous

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



38.4553, 38.9127, 49.7885



39.5241, 38.9127, 46.5021



39.9086, 38.9127, 42.2828

Triad

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



39.5241, 38.9127, 46.5021



36.9551, 38.9127, 34.7215



34.5866, 38.9127, 46.6619

Complementary

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



39.5241, 38.9127, 46.5021



38.1088, 42.7810, 42.3275

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.



34.2085, 38.9127, 42.4560



39.5241, 38.9127, 46.5021



35.5534, 38.9127, 35.7264

Square

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



39.5241, 38.9127, 46.5021



38.4016, 38.9127, 35.6492



34.5577, 38.9127, 38.4889



35.6044, 38.9127, 49.8850

Rectangle

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



39.5241, 38.9127, 46.5021



39.7172, 38.9127, 39.5613



34.5577, 38.9127, 38.4889



34.3817, 38.9127, 45.3071

Sweetspot

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



39.5252, 38.9144, 46.5029



74.6318, 76.8176, 86.3060



36.9474, 37.5508, 47.9492



16.4149, 16.7964, 19.0283



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.



39.5252, 38.9144, 46.5029



69.3942, 67.1203, 82.1616



38.7630, 38.6095, 42.4893



8.7803, 8.6188, 10.3416



16.7944, 8.2353, 19.8752



0.5461, 0.2662, 0.7184

Inverse Universe

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



39.5252, 38.9144, 46.5029



69.3942, 67.1203, 82.1616



38.8592, 43.0811, 46.2788



8.7803, 8.6188, 10.3416



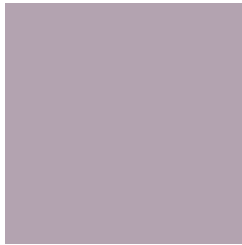
16.7944, 8.2353, 19.8752



0.5461, 0.2662, 0.7184

Previews

White Background



This preview shows how the XYZ color 39.5241, 38.9127, 46.5021 looks on a white background.

Color Contrast Check

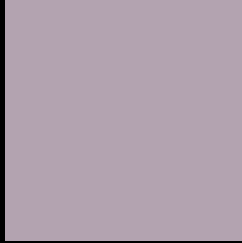
Large Text (above 18pt) WCAG AA × Fail

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 39.5241, 38.9127, 46.5021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

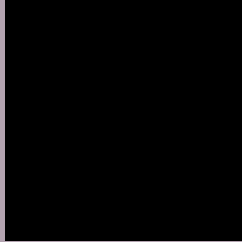
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5241, 38.9127, 46.5021

Background



This preview shows how black text looks on a background with the XYZ color 39.5241, 38.9127, 46.5021.



This preview shows how white text looks on a background with the XYZ color 39.5241, 38.9127,

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

39.5241, 38.9127, 46.5021

Protanopia

38.0030, 39.1766, 47.6783

Deuteranopia

39.7561, 39.0323, 46.5129



Tritanopia

39.5241, 38.9127, 46.5021

Trichromacy



Original Color

39.5241, 38.9127, 46.5021

Protanomaly

38.5853, 39.2174, 47.1310

Deuteranomaly

39.7561, 39.0323, 46.5129

Tritanomaly

39.5241, 38.9127, 46.5021

Monochromacy



Original Color

39.5241, 38.9127, 46.5021

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.4987, 39.5002, 44.6249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5241, 38.9127, 46.5021 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(179, 163, 176)` looks like.

```
.text, #text, p{  
    color:rgb(179, 163, 176)  
}
```

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(179, 163, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 163, 176) }
```

Border

The CSS property to change the border of an element to XYZ 39.5241, 38.9127, 46.5021 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(179, 163, 176) }
```


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

```
.border{ border-color:rgb(179, 163, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 163, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 163, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 163, 176);  
box-shadow:4px 4px 4px 4px rgb(179, 163,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5241, 38.9127, 46.5021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 163, 176) }
```

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

```
.background{ background-color: rgb(179,  
163, 176) }
```

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