

Converting Colors

XYZ(39.1372, 41.5026, 49.2427)

Have a look what the booklet for
XYZ(39.1372, 41.5026, 49.2427)
contains.

XYZ(39.1181, 41.3979, 49.1089)	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(39.1181, 41.3979,
49.1089)**

Conversions

Conversions Part 1

Format	Color
Hex	A7ADB4
RGB	167, 173, 180
RGB Percent	65%, 68%, 71%
CMY	0.3451, 0.3216, 0.2941
CMYK	0.07, 0.04, 0.00, 0.29
HSL	212°, 8%, 68%
HSV	212°, 7%, 71%
XYZ	39.1181, 41.3979, 49.1089
YIQ	172.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

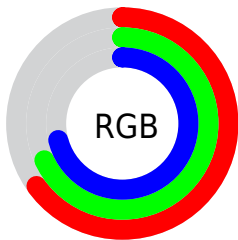
Format	Color
RYB	167, 171, 180
Decimal	10988980
CIELab	70.45, -0.73, -4.32
CIELCh	70, 4.380, 260.467
Yxy	41.3979, 0.3018, 0.3194
Android (android.graphics.Color)	4289179060 (0xFFA7ADB4)
YUV	172.0040, 3.9420, -4.3885
Hunter-Lab	64.3412, -4.0728, -0.2147

Details

The XYZ color **39.1181, 41.3979, 49.1089** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.9336, 42.7650, 42.6568**, and the grayscale version is **39.1985, 41.2398, 44.9102**.

A 20% lighter version of the original color is **73.0079, 77.0725, 90.3854**, and **17.7384, 18.8519, 22.7825** is the 20% darker color. If you saturate the color by 10%, you get **33.7863, 35.9916, 48.3470**, and if you desaturate by 10%, it is **45.1164, 47.3501, 49.9423**.

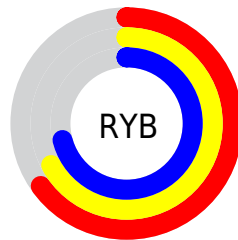
Distribution



Red (65%)

Green (68%)

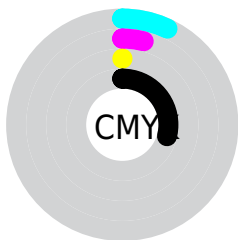
Blue (71%)



Red (65%)

Yellow (67%)

Blue (71%)

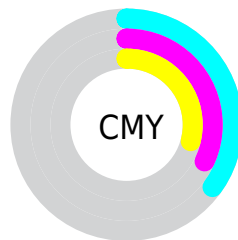


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (35%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1181, 41.3979, 49.1089 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 39.1181, 41.3979, 49.1089 by changing the saturation by 10% instead.

■ 39.1181, 41.3979,
49.1089

■ 39.1181, 41.3979,
49.1089

333.5909,
351.9809, 399.8057

■ 27.0328, 28.6301,
34.3397

■ 73.1116, 77.2876,
90.2358

■ 17.7345, 18.8012,
22.8752

■ 95.7505, 101.1782,
117.4306

■ 10.8581, 11.5267,
14.2969

122.6379,
129.5453, 149.6043

■ 6.0381, 6.4223,
8.1864

154.1393,
162.7732, 187.1755

■ 2.9091, 3.1035,
4.1250

190.6199,
201.2463, 230.5627

■ 1.1059, 1.1860,
1.6941

232.4451,

■ 0.0300, 0.0502,

245.3491, 280.1844

0.3567

279.9803,
295.4658, 336.4592

■ 0.0000, 0.0000,
0.0000

■ 39.1181, 41.3979,
49.1089

■ 39.1181, 41.3979,
49.1089

■ 33.7863, 35.9916,
48.3470

■ 45.1164, 47.3501,
49.9423

■ 29.0927, 31.1090,
47.6520

■ 51.8008, 53.8589,
50.8463

■ 25.0125, 26.7340,
47.0226

■ 59.1945, 60.9414,
51.8237

■ 21.5174, 22.8477,
46.4566

■ 67.3186, 68.6124,
52.8761

■ 18.5772, 19.4296,
45.9519

■ 75.4529, 76.5043,
53.9707

■ 16.1583, 16.4577,
45.5057

■ 78.0921, 81.7828,
54.8504

■ 14.2232, 13.9076,
45.1155

■ 80.8814, 87.3615,
55.7802

■ 12.7287, 11.7516,
44.7781

■ 83.8233, 93.2452,
56.7609

■ 11.6134, 9.9525,
44.4896

■ 85.2383, 96.0753,
57.2325

Harmonies

Analogous

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



38.4708, 41.3979, 48.2101



39.1181, 41.3979, 49.1089



39.8346, 41.3979, 48.9017

Triad

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



39.1181, 41.3979, 49.1089



40.6618, 41.3979, 43.7000



38.2870, 41.3979, 42.5928

Complementary

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



39.1181, 41.3979, 49.1089



40.9336, 42.7650, 42.6568

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.



38.8643, 41.3979, 41.4538



39.1181, 41.3979, 49.1089



40.2373, 41.3979, 42.0794

Square

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



39.1181, 41.3979, 49.1089



40.7318, 41.3979, 45.7366



39.5777, 41.3979, 41.2688



37.9949, 41.3979, 44.4203

Rectangle

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



39.1181, 41.3979, 49.1089



40.2549, 41.3979, 48.1666



39.5777, 41.3979, 41.2688



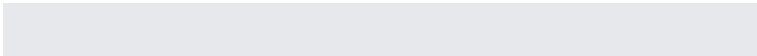
38.4538, 41.3979, 42.1191

Sweetspot

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



39.1193, 41.3997, 49.1098



76.4189, 80.5380, 89.8123



39.8917, 43.9121, 46.3843



16.5424, 17.4325, 19.4152



86.6293, 91.1408, 99.2523



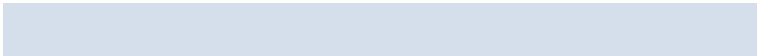
17.0014, 17.8868, 19.4787

Same Dimension

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



39.1193, 41.3997, 49.1098



68.9701, 73.0953, 88.7683



38.0856, 39.1961, 48.7390



8.3545, 8.8553, 10.7752



7.9807, 6.7618, 31.0215



0.3097, 0.3299, 0.9956

Inverse Universe

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



40.1848, 40.3586, 45.2092



71.3968, 70.7679, 79.8752



42.0186, 45.0846, 43.0474



8.6541, 8.5684, 9.6772



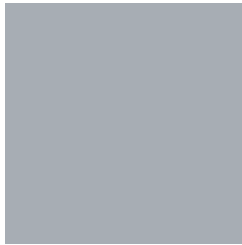
14.2629, 7.2227, 6.5446



0.4783, 0.2391, 0.3616

Previews

White Background



This preview shows how the XYZ color 39.1181, 41.3979, 49.1089 looks on a white background.

Color Contrast Check

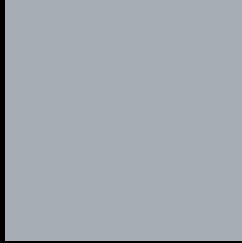
Large Text (above 18pt) WCAG AA × Fail

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 39.1181, 41.3979, 49.1089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

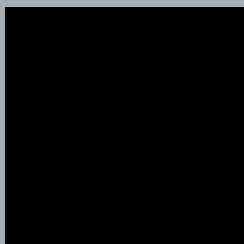
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

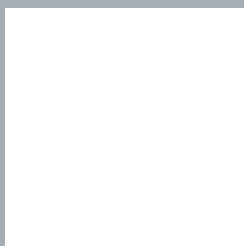
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1181, 41.3979, 49.1089

Background



This preview shows how black text looks on a background with the XYZ color 39.1181, 41.3979, 49.1089.



This preview shows how white text looks on a background with the XYZ color 39.1181, 41.3979,

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

39.1181, 41.3979, 49.1089

Protanopia

39.9332, 41.2647, 48.5080

Deuteranopia

42.1668, 41.2879, 49.4630



Tritanopia

39.7639, 41.3750, 52.3448

Trichromacy



Original Color

39.1181, 41.3979, 49.1089

Protanomaly

39.6838, 41.4176, 48.5507

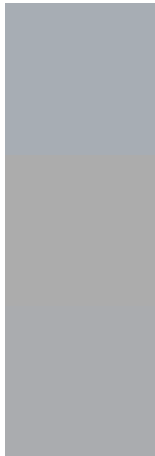
Deuteranomaly

40.8886, 41.1771, 49.5090

Tritanomaly

39.5527, 41.2906, 51.2326

Monochromacy



Original Color

39.1181, 41.3979, 49.1089

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.0680, 41.1462, 46.4404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1181, 41.3979, 49.1089 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(167, 173, 180)` looks like.

```
.text, #text, p{  
    color:rgb(167, 173, 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(167, 173, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 173, 180) }
```

Border

The CSS property to change the border of an element to XYZ 39.1181, 41.3979, 49.1089 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(167, 173, 180) }
```


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

```
.border{ border-color:rgb(167, 173, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 173, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 173, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 173, 180);  
box-shadow:4px 4px 4px 4px rgb(167, 173,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1181, 41.3979, 49.1089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 173, 180) }
```

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

```
.background{ background-color: rgb(167,  
173, 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