

Converting Colors

XYZ(39.4340, 41.9250, 49.5897)

Have a look what the booklet for
XYZ(39.4340, 41.9250, 49.5897)
contains.

XYZ(39.4129, 41.8238, 49.7116)	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(39.4129, 41.8238,
49.7116)**

Conversions

Conversions Part 1

Format	Color
Hex	A7AEB5
RGB	167, 174, 181
RGB Percent	65%, 68%, 71%
CMY	0.3451, 0.3176, 0.2902
CMYK	0.08, 0.04, 0.00, 0.29
HSL	210°, 9%, 68%
HSV	210°, 8%, 71%
XYZ	39.4129, 41.8238, 49.7116
YIQ	172.7050, -6.4190, 0.6930

Conversions

Conversions Part 2

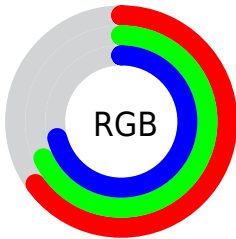
Format	Color
RYB	167, 172, 181
Decimal	10989237
CIELab	70.75, -1.07, -4.44
CIELCh	71, 4.562, 256.472
Yxy	41.8238, 0.3010, 0.3194
Android (android.graphics.Color)	4289179317 (0xFFA7AEB5)
YUV	172.7050, 4.0894, -5.0033
Hunter-Lab	64.6713, -4.3909, -0.3052

Details

The XYZ color **39.4129, 41.8238, 49.7116** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.1673, 42.8856, 42.6679**, and the grayscale version is **39.5535, 41.6133, 45.3169**.

A 20% lighter version of the original color is **73.4296, 77.6826, 91.2449**, and **17.9260, 19.1224, 23.1683** is the 20% darker color. If you saturate the color by 10%, you get **34.1645, 36.6115, 48.9828**, and if you desaturate by 10%, it is **45.3167, 47.5510, 50.5066**.

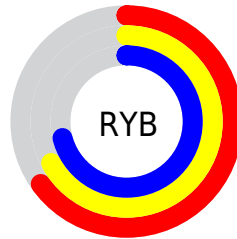
Distribution



Red (65%)

Green (68%)

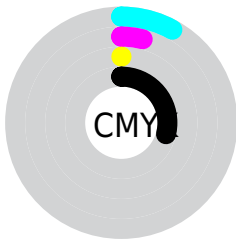
Blue (71%)



Red (65%)

Yellow (67%)

Blue (71%)

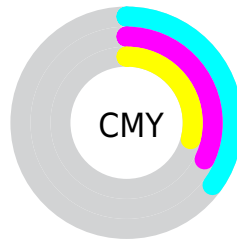


Cyan (8%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (35%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4129, 41.8238, 49.7116 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 39.4129, 41.8238, 49.7116 by changing the saturation by 10% instead.

■ 39.4129, 41.8238,
49.7116

■ 39.4129, 41.8238,
49.7116

334.8198,
353.7520, 402.2398

■ 27.2633, 28.9633,
34.8147

■ 73.5587, 77.9329,
91.1393

■ 17.9086, 19.0531,
23.2378

■ 96.2856, 101.9503,
118.5073

■ 10.9837, 11.7087,
14.5622

123.2689,
130.4555, 150.8693

■ 6.1231, 6.5456,
8.3695

154.8740,
163.8329, 188.6439

■ 2.9614, 3.1796,
4.2412

191.4663,
202.4668, 232.2498

■ 1.1334, 1.2262,
1.7586

233.4112,

■ 0.0528, 0.0829,

246.7417, 282.1053

0.4004

281.0739,
297.0420, 338.6291

■ 0.0000, 0.0000,
0.0000

■ 39.4129, 41.8238,
49.7116

■ 39.4129, 41.8238,
49.7116

■ 34.1645, 36.6115,
48.9828

■ 45.3167, 47.5510,
50.5066

■ 29.5435, 31.8927,
48.3155

■ 51.8952, 53.8031,
51.3666

■ 25.5249, 27.6524,
47.7089

■ 59.1716, 60.5962,
52.2943

■ 22.0809, 23.8725,
47.1608

■ 67.1667, 67.9442,
53.2912

■ 19.1812, 20.5336,
46.6692

■ 74.9740, 75.3830,
54.3155

■ 16.7923, 17.6146,
46.2316

■ 77.4021, 80.2392,
55.1249

■ 14.8768, 15.0922,
45.8457

■ 79.9605, 85.3559,
55.9777

■ 13.3912, 12.9396,
45.5085

■ 82.6511, 90.7371,
56.8746

■ 12.2700, 11.1187,
45.2162

■ 85.3406, 96.1162,
57.7711

Harmonies

Analogous

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



38.7586, 41.8238, 48.6275



39.4129, 41.8238, 49.7116



40.1662, 41.8238, 49.6529

Triad

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



39.4129, 41.8238, 49.7116



41.1639, 41.8238, 44.3677



38.7067, 41.8238, 42.7291

Complementary

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



39.4129, 41.8238, 49.7116



41.1673, 42.8856, 42.6679

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.



39.3411, 41.8238, 41.6589



39.4129, 41.8238, 49.7116



40.7627, 41.8238, 42.5842

Square

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



39.4129, 41.8238, 49.7116



41.1837, 41.8238, 46.5207



40.0936, 41.8238, 41.6067



38.3544, 41.8238, 44.5712

Rectangle

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



39.4129, 41.8238, 49.7116



40.6234, 41.8238, 48.9726



40.0936, 41.8238, 41.6067



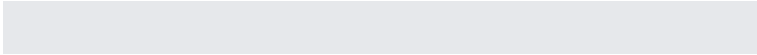
38.8937, 41.8238, 42.2698

Sweetspot

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



39.4141, 41.8256, 49.7125



76.4697, 80.6397, 89.8292



40.0782, 44.3109, 46.3664



16.5528, 17.4533, 19.4187



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.



39.4141, 41.8256, 49.7125



69.1877, 73.5306, 88.8408



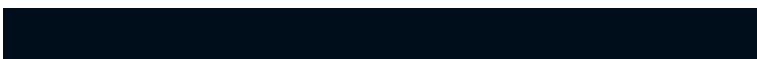
38.1390, 39.2754, 49.2875



8.3814, 8.9090, 10.7842



8.3708, 7.5421, 31.1516



0.3217, 0.3540, 0.9996

Inverse Universe

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



40.5157, 40.5180, 45.7318



71.5066, 70.8119, 80.4537



42.5083, 45.5674, 43.1149



8.6677, 8.5738, 9.7486



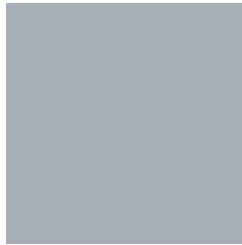
14.4599, 7.3015, 7.5816



0.4844, 0.2415, 0.3936

Previews

White Background



This preview shows how the XYZ color 39.4129, 41.8238, 49.7116 looks on a white background.

Color Contrast Check

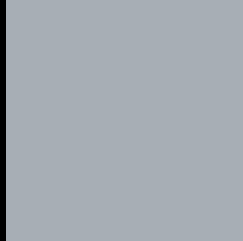
Large Text (above 18pt) WCAG AA × Fail

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 39.4129, 41.8238, 49.7116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

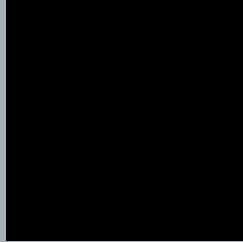
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4129, 41.8238, 49.7116

Background



This preview shows how black text looks on a background with the XYZ color 39.4129, 41.8238, 49.7116.



This preview shows how white text looks on a background with the XYZ color 39.4129, 41.8238,

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

39.4129, 41.8238, 49.7116

Protanopia

40.4463, 41.7990, 49.1163

Deuteranopia

42.4537, 41.6970, 50.0667



Tritanopia

40.0617, 41.7998, 52.9704

Trichromacy



Original Color

39.4129, 41.8238, 49.7116

Protanomaly

39.9764, 41.8404, 49.1490

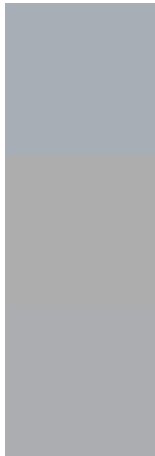
Deuteranomaly

41.1783, 41.5918, 50.1137

Tritanomaly

39.8490, 41.7148, 51.8504

Monochromacy



Original Color

39.4129, 41.8238, 49.7116

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.5746, 41.6797, 47.0335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4129, 41.8238, 49.7116 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, 174, 181) looks like.

```
.text, #text, p{  
    color:rgb(167, 174, 181)  
}
```

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, 174, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 174, 181) }
```

Border

The CSS property to change the border of an element to XYZ 39.4129, 41.8238, 49.7116 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, 174, 181) }
```


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

```
.border{ border-color:rgb(167, 174, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 174, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 174, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 174, 181);  
box-shadow:4px 4px 4px 4px rgb(167, 174,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4129, 41.8238, 49.7116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 174, 181) }
```

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

```
.background{ background-color: rgb(167,  
174, 181) }
```

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