

Converting Colors

XYZ(39.0642, 41.3208, 50.4071)

Have a look what the booklet for
XYZ(39.0642, 41.3208, 50.4071)
contains.

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Color

**XYZ(39.1130, 41.3715,
50.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	A6ADB6
RGB	166, 173, 182
RGB Percent	65%, 68%, 71%
CMY	0.3490, 0.3216, 0.2863
CMYK	0.09, 0.05, 0.00, 0.29
HSL	214°, 10%, 68%
HSV	214°, 9%, 71%
XYZ	39.1130, 41.3715, 50.1800
YIQ	171.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

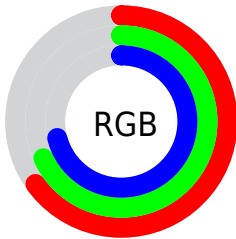
Format	Color
RYB	166, 171, 182
Decimal	10923446
CIELab	70.44, -0.66, -5.46
CIELCh	70, 5.499, 263.081
Yxy	41.3715, 0.2993, 0.3166
Android (android.graphics.Color)	4289113526 (0xFFA6ADB6)
YUV	171.9330, 4.9630, -5.2032
Hunter-Lab	64.3207, -4.0165, -1.2308

Details

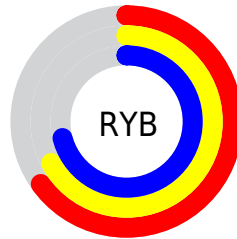
The XYZ color **39.1130, 41.3715, 50.1800** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5046, 43.3581, 42.2587**, and the grayscale version is **39.1580, 41.1973, 44.8639**.

A 20% lighter version of the original color is **72.9948, 77.0320, 91.9103**, and **17.7393, 18.8371, 23.4698** is the 20% darker color. If you saturate the color by 10%, you get **33.6767, 35.7672, 49.3854**, and if you desaturate by 10%, it is **45.2420, 47.5584, 51.0518**.

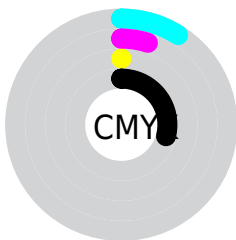
Distribution



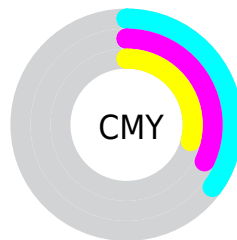
- Red (65%)
- Green (68%)
- Blue (71%)



- Red (65%)
- Yellow (67%)
- Blue (71%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (29%)



- Cyan (35%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1130, 41.3715, 50.1800 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 39.1130, 41.3715, 50.1800 by changing the saturation by 10% instead.

■ 39.1130, 41.3715,
50.1800

■ 39.1130, 41.3715,
50.1800

333.5696,
351.8709, 404.1247

■ 27.0288, 28.6095,
35.1843

■ 73.1039, 77.2475,
91.8406

■ 17.7315, 18.7856,
23.5202

■ 95.7412, 101.1303,
119.3425

■ 10.8559, 11.5155,
14.7692

122.6270,
129.4888, 151.8502

■ 6.0366, 6.4147,
8.5127

154.1265,
162.7074, 189.7822

■ 2.9082, 3.0988,
4.3323

190.6052,
201.1706, 233.5572

■ 1.1054, 1.1835,
1.8094

232.4284,

■ 0.0296, 0.0482,

245.2626, 283.5935

0.4341

279.9614,
295.3679, 340.3098

■ 0.0000, 0.0000,
0.0000

■ 39.1130, 41.3715,
50.1800

■ 39.1130, 41.3715,
50.1800

■ 33.6767, 35.7672,
49.3854

■ 45.2420, 47.5584,
51.0518

■ 28.9036, 30.7219,
48.6632

■ 52.0846, 54.3400,
52.0001

■ 24.7673, 26.2180,
48.0118

■ 59.6652, 61.7348,
53.0279

■ 21.2381, 22.2349,
47.4290

■ 68.0059, 69.7586,
54.1371

■ 18.2839, 18.7503,
46.9121

■ 76.3874, 78.0451,
55.2948

■ 15.8691, 15.7403,
46.4584

■ 79.2245, 83.7192,
56.2405

■ 13.9538, 13.1781,
46.0648

■ 82.2300, 89.7302,
57.2423

■ 12.4920, 11.0337,
45.7279

■ 85.4067, 96.0837,
58.3012

■ 11.4053, 9.2599,
45.4428

■ 85.4436, 96.1574,
58.3135

Harmonies

Analogous

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



38.2858, 41.3715, 49.1517



39.1130, 41.3715, 50.1800



40.0089, 41.3715, 49.7911

Triad

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



39.1130, 41.3715, 50.1800



40.9459, 41.3715, 43.1199



37.9468, 41.3715, 42.1172

Complementary

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



39.1130, 41.3715, 50.1800



41.5046, 43.3581, 42.2587

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.



38.6438, 41.3715, 40.6133



39.1130, 41.3715, 50.1800



40.3775, 41.3715, 41.1765

Square

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



39.1130, 41.3715, 50.1800



41.0762, 41.3715, 45.6499



39.5325, 41.3715, 40.2757



37.6192, 41.3715, 44.4485

Rectangle

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



39.1130, 41.3715, 50.1800



40.5236, 41.3715, 48.7875



39.5325, 41.3715, 40.2757



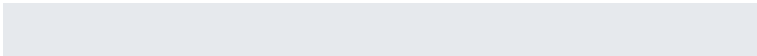
38.1451, 41.3715, 41.5019

Sweetspot

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



39.1142, 41.3732, 50.1809



77.1336, 81.3143, 91.8656



40.1729, 44.6509, 46.9565



16.8379, 17.7596, 20.2621



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.1142, 41.3732, 50.1809



68.4391, 72.4793, 90.6185



37.9747, 38.8445, 49.7529



8.8358, 9.3488, 11.4182



8.0343, 6.5283, 32.0897



0.3450, 0.3538, 1.1518

Inverse Universe

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



40.4714, 40.2356, 45.1703



71.5345, 69.9501, 79.1764



42.7146, 46.0577, 42.7160



9.1635, 9.0758, 10.2082



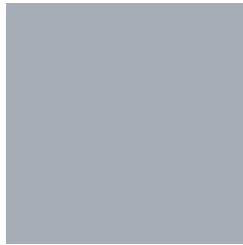
14.6690, 7.4414, 6.1440



0.5483, 0.2748, 0.3809

Previews

White Background



This preview shows how the XYZ color 39.1130, 41.3715, 50.1800 looks on a white background.

Color Contrast Check

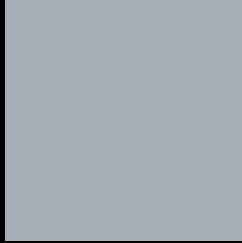
Large Text (above 18pt) WCAG AA × Fail

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 39.1130, 41.3715, 50.1800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

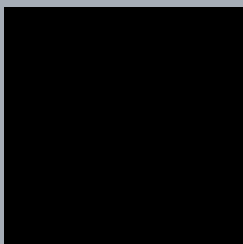
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

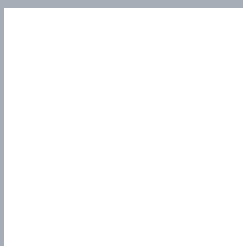
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1130, 41.3715, 50.1800

Background



This preview shows how black text looks on a background with the XYZ color 39.1130, 41.3715, 50.1800.



This preview shows how white text looks on a background with the XYZ color 39.1130, 41.3715,

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

39.1130, 41.3715, 50.1800

Protanopia

40.1370, 41.3463, 49.5812

Deuteranopia

42.1331, 41.2467, 50.5405



Tritanopia

39.5518, 41.2657, 52.3348

Trichromacy



Original Color

39.1130, 41.3715, 50.1800

Protanomaly

39.6706, 41.3873, 49.6137

Deuteranomaly

40.8667, 41.1419, 50.5870

Tritanomaly

39.4458, 41.2233, 51.7768

Monochromacy



Original Color

39.1130, 41.3715, 50.1800

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.1666, 41.1857, 46.9596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1130, 41.3715, 50.1800 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(166, 173, 182) looks like.

```
.text, #text, p{  
    color:rgb(166, 173, 182)  
}
```

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(166, 173, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 173, 182) }
```

Border

The CSS property to change the border of an element to XYZ 39.1130, 41.3715, 50.1800 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(166, 173, 182) }
```


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

```
.border{ border-color:rgb(166, 173, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 173, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 173, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 173, 182);  
box-shadow:4px 4px 4px 4px rgb(166, 173,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1130, 41.3715, 50.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 173, 182) }
```

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

```
.background{ background-color: rgb(166,  
173, 182) }
```

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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