

Converting Colors

XYZ(39.3748, 42.6055, 51.4966)

Have a look what the booklet for
XYZ(39.3748, 42.6055, 51.4966)
contains.

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Color

**XYZ(39.4781, 42.6915,
51.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B1B8
RGB	163, 177, 184
RGB Percent	64%, 69%, 72%
CMY	0.3608, 0.3059, 0.2784
CMYK	0.11, 0.04, 0.00, 0.28
HSL	200°, 13%, 68%
HSV	200°, 11%, 72%
XYZ	39.4781, 42.6915, 51.5070
YIQ	173.6120, -10.5910, -0.7910

Conversions

Conversions Part 2

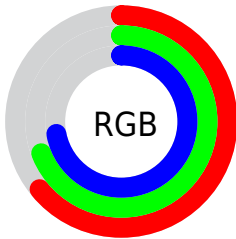
Format	Color
RYB	163, 171, 184
Decimal	10727864
CIELab	71.35, -3.43, -5.24
CIElCh	71, 6.263, 236.795
Yxy	42.6915, 0.2953, 0.3194
Android (android.graphics.Color)	4288917944 (0xFFA3B1B8)
YUV	173.6120, 5.1213, -9.3067
Hunter-Lab	65.3387, -6.4919, -1.0016

Details

The XYZ color **39.4781, 42.6915, 51.5070** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7529, 41.5839, 40.5296**, and the grayscale version is **40.0126, 42.0964, 45.8430**.

A 20% lighter version of the original color is **73.7805, 79.4745, 93.8895**, and **17.8599, 19.4335, 24.2825** is the 20% darker color. If you saturate the color by 10%, you get **34.7977, 38.5222, 50.9496**, and if you desaturate by 10%, it is **44.7636, 47.2558, 52.1101**.

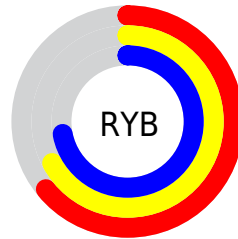
Distribution



Red (64%)

Green (69%)

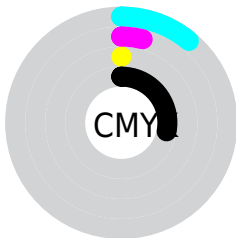
Blue (72%)



Red (64%)

Yellow (67%)

Blue (72%)

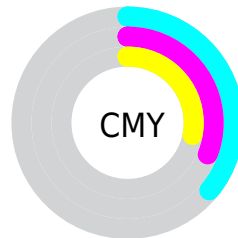


Cyan (11%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (36%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4781, 42.6915, 51.5070 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 39.4781, 42.6915, 51.5070 by changing the saturation by 10% instead.

■ 39.4781, 42.6915,
51.5070

■ 39.4781, 42.6915,
51.5070

335.0912,
357.3415, 409.4330

■ 27.3143, 29.6431,
36.2327

■ 73.6575, 79.2451,
93.8229

■ 17.9472, 19.5679,
24.3229

■ 96.4038, 103.5192,
121.7017

■ 11.0115, 12.0813,
15.3589

123.4083,
132.3039, 154.6190

■ 6.1419, 6.7991,
8.9222

155.0364,
165.9837, 192.9934

■ 2.9731, 3.3368,
4.5944

191.6533,
204.9429, 237.2435

■ 1.1395, 1.3100,
1.9568

233.6245,

■ 0.0578, 0.1489,

249.5661, 287.7878

0.5285

281.3154,
300.2375, 345.0448

■ 0.0000, 0.0000,
0.0000

■ 39.4781, 42.6915,
51.5070

■ 39.4781, 42.6915,
51.5070

■ 34.7977, 38.5222,
50.9496

■ 44.7636, 47.2558,
52.1101

■ 30.6944, 34.7289,
50.4337

■ 50.6732, 52.2226,
52.7573

■ 27.1434, 31.2991,
49.9588

■ 57.2299, 57.6057,
53.4508

■ 24.1165, 28.2170,
49.5235

■ 64.4541, 63.4168,
54.1917

■ 21.5832, 25.4658,
49.1259

■ 72.3647, 69.6665,
54.9810

■ 19.5091, 23.0267,
48.7645

■ 73.8854, 72.7078,
55.4879

■ 17.8553, 20.8784,
48.4370

■ 75.4644, 75.8658,
56.0143

■ 16.5755, 18.9959,
48.1411

■ 77.1024, 79.1419,
56.5603

■ 15.6965, 17.5501,
47.9083

■ 78.8001, 82.5373,
57.1262

Harmonies

Analogous

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



38.7961, 42.6915, 49.1474



39.4781, 42.6915, 51.5070



40.4639, 42.6915, 52.5178

Triad

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



39.4781, 42.6915, 51.5070



42.6326, 42.6915, 46.8088



39.6710, 42.6915, 41.4969

Complementary

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



39.4781, 42.6915, 51.5070



40.7529, 41.5839, 40.5296

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.



40.6903, 42.6915, 40.9306



39.4781, 42.6915, 51.5070



42.4115, 42.6915, 43.9182

Square

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



39.4781, 42.6915, 51.5070



42.2950, 42.6915, 49.7327



41.6961, 42.6915, 41.7983



38.9061, 42.6915, 43.3796

Rectangle

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



39.4781, 42.6915, 51.5070



41.1649, 42.6915, 52.2598



41.6961, 42.6915, 41.7983



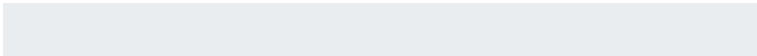
39.9947, 42.6915, 41.1499

Sweetspot

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



39.4793, 42.6933, 51.5079



79.5001, 84.2591, 94.2781



39.4681, 44.9573, 44.4550



16.9669, 18.0175, 20.3051



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.



39.4793, 42.6933, 51.5079



69.0629, 75.1880, 93.0773



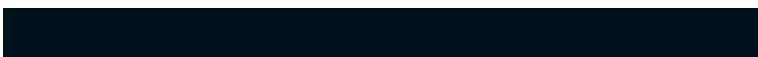
37.5479, 38.8304, 50.8641



9.0077, 9.6927, 11.4756



10.8849, 12.2294, 33.0399



0.4381, 0.5399, 1.1829

Inverse Universe

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



40.8011, 39.5599, 47.0824



72.0146, 68.3141, 83.1669



42.7303, 45.5385, 41.1887



9.2503, 9.1105, 10.6653



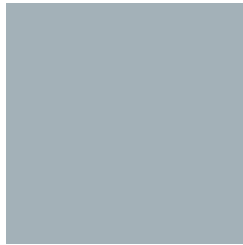
16.1078, 8.0169, 13.7206



0.5953, 0.2936, 0.6282

Previews

White Background



This preview shows how the XYZ color 39.4781, 42.6915, 51.5070 looks on a white background.

Color Contrast Check

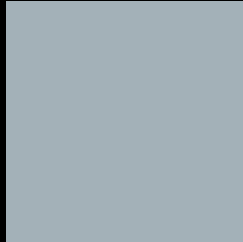
Large Text (above 18pt) WCAG AA × Fail

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 39.4781, 42.6915, 51.5070 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

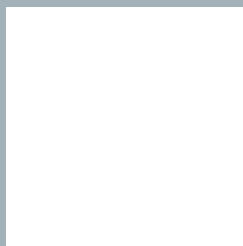
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4781, 42.6915, 51.5070

Background



This preview shows how black text looks on a background with the XYZ color 39.4781, 42.6915, 51.5070.



This preview shows how white text looks on a background with the XYZ color 39.4781, 42.6915,

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

39.4781, 42.6915, 51.5070

Protanopia

41.0663, 42.3785, 50.2714

Deuteranopia

43.3006, 42.3602, 52.3485



Tritanopia

40.1294, 42.6609, 54.8345

Trichromacy



Original Color

39.4781, 42.6915, 51.5070

Protanomaly

40.4779, 42.3489, 50.8405

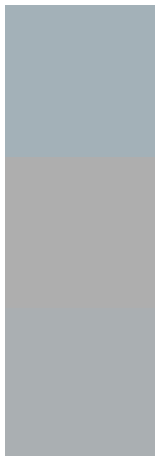
Deuteranomaly

41.8696, 42.4728, 51.8902

Tritanomaly

39.9123, 42.5740, 53.6910

Monochromacy



Original Color

39.4781, 42.6915, 51.5070

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.9434, 42.4203, 48.2022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4781, 42.6915, 51.5070 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(163, 177, 184)` looks like.

```
.text, #text, p{  
    color:rgb(163, 177, 184)  
}
```

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(163, 177, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 177, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.4781, 42.6915, 51.5070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

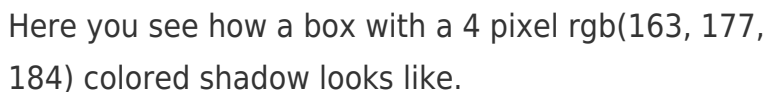
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 177, 184) }
```


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

```
.border{ border-color:rgb(163, 177, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 177, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 177, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 177, 184); box-shadow:4px 4px 4px 4px rgb(163, 177, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4781, 42.6915, 51.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 177, 184) }
```

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

```
.background{ background-color: rgb(163,  
177, 184) }
```

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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