

Converting Colors

XYZ(39.3159, 43.0520, 52.7064)

Have a look what the booklet for
XYZ(39.3159, 43.0520, 52.7064)
contains.

XYZ(39.4802, 43.2590, 52.7234)	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(39.4802, 43.2590,
52.7234)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B3BA
RGB	160, 179, 186
RGB Percent	63%, 70%, 73%
CMY	0.3725, 0.2980, 0.2706
CMYK	0.14, 0.04, 0.00, 0.27
HSL	196°, 16%, 68%
HSV	196°, 14%, 73%
XYZ	39.4802, 43.2590, 52.7234
YIQ	174.1170, -13.5710, -1.8510

Conversions

Conversions Part 2

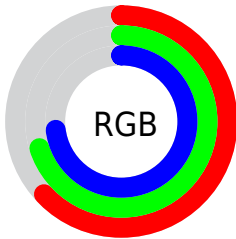
Format	Color
RYB	160, 171, 186
Decimal	10531770
CIELab	71.73, -5.08, -5.79
CIELCh	72, 7.708, 228.729
Yxy	43.2590, 0.2914, 0.3193
Android (android.graphics.Color)	4288721850 (0xFFA0B3BA)
YUV	174.1170, 5.8583, -12.3806
Hunter-Lab	65.7716, -7.9534, -1.4876

Details

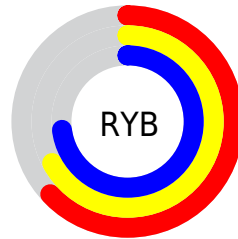
The XYZ color **39.4802, 43.2590, 52.7234** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4137, 40.6143, 38.9676**, and the grayscale version is **40.2691, 42.3662, 46.1368**.

A 20% lighter version of the original color is **73.7597, 80.2745, 95.6114**, and **17.8788, 19.8033, 25.0704** is the 20% darker color. If you saturate the color by 10%, you get **35.0517, 39.5147, 52.2348**, and if you desaturate by 10%, it is **44.5040, 47.3666, 53.2521**.

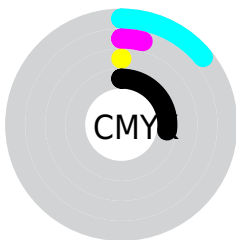
Distribution



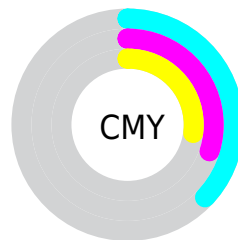
- Red (63%)
- Green (70%)
- Blue (73%)



- Red (63%)
- Yellow (67%)
- Blue (73%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (37%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4802, 43.2590, 52.7234 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 39.4802, 43.2590, 52.7234 by changing the saturation by 10% instead.

■ 39.4802, 43.2590,
52.7234

■ 39.4802, 43.2590,
52.7234

335.0999,
359.6758, 414.2592

■ 27.3159, 30.0884,
37.1958

■ 73.6607, 80.1016,
95.6346

■ 17.9484, 19.9057,
25.0621

■ 96.4076, 104.5423,
123.8554

■ 11.0124, 12.3265,
15.9039

123.4128,
133.5085, 157.1442

■ 6.1426, 6.9664,
9.3026

155.0416,
167.3846, 195.9197

■ 2.9734, 3.4411,
4.8396

191.6593,
206.5550, 240.6004

■ 1.1397, 1.3661,
2.0963

233.6314,

■ 0.0580, 0.1916,

251.4041, 291.6049

0.6136

281.3231,
302.3162, 349.3516

■ 0.0000, 0.0000,
0.0000

■ 39.4802, 43.2590,
52.7234

■ 39.4802, 43.2590,
52.7234

■ 35.0517, 39.5147,
52.2348

■ 44.5040, 47.3666,
53.2521

■ 31.1896, 36.1147,
51.7821

■ 50.1428, 51.8447,
53.8193

■ 27.8685, 33.0466,
51.3649

■ 56.4199, 56.7070,
54.4270

■ 25.0591, 30.2946,
50.9818

■ 63.3565, 61.9650,
55.0763

■ 22.7294, 27.8417,
50.6311

■ 70.9724, 67.6295,
55.7682

■ 20.8436, 25.6687,
50.3111

■ 72.9130, 70.4250,
56.2056

■ 19.3605, 23.7539,
50.0196

■ 74.1608, 72.9207,
56.6215

■ 18.2303, 22.0709,
49.7544

■ 75.4476, 75.4943,
57.0504

■ 17.6594, 21.1378,
49.6044

■ 76.7736, 78.1464,
57.4924

Harmonies

Analogous

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



38.7810, 43.2590, 49.4517



39.4802, 43.2590, 52.7234



40.6270, 43.2590, 54.5219

Triad

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



39.4802, 43.2590, 52.7234



43.6317, 43.2590, 48.5230



40.3144, 43.2590, 40.6064

Complementary

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



39.4802, 43.2590, 52.7234



40.4137, 40.6143, 38.9676

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.



41.6097, 43.2590, 40.3872



39.4802, 43.2590, 52.7234



43.5437, 43.2590, 44.8273

Square

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



39.4802, 43.2590, 52.7234



43.0351, 43.2590, 52.0126



42.7972, 43.2590, 41.8945



39.2555, 43.2590, 42.5101

Rectangle

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



39.4802, 43.2590, 52.7234



41.4991, 43.2590, 54.5831



42.7972, 43.2590, 41.8945



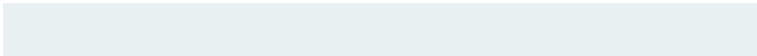
40.7360, 43.2590, 40.3372

Sweetspot

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



39.4815, 43.2608, 52.7244



80.5803, 85.7852, 96.5126



39.0257, 45.3797, 43.2298



17.5848, 18.7621, 21.2372



90.7827, 95.5105, 104.0109



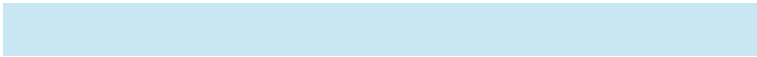
18.6292, 19.5994, 21.3438

Same Dimension

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



39.4815, 43.2608, 52.7244



68.7928, 76.0980, 95.2640



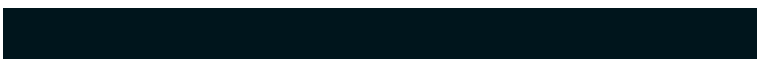
37.0091, 38.3161, 51.9003



9.0567, 9.7907, 11.4919



11.9449, 14.3494, 33.3932



0.4693, 0.6023, 1.1933

Inverse Universe

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



40.9582, 38.8362, 47.9874



72.0536, 66.5052, 84.7641



42.9034, 45.5935, 39.7975



9.2750, 9.1204, 10.7955



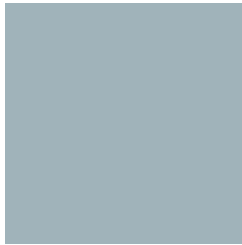
16.6429, 8.2309, 16.5382



0.6110, 0.2999, 0.7111

Previews

White Background



This preview shows how the XYZ color 39.4802, 43.2590, 52.7234 looks on a white background.

Color Contrast Check

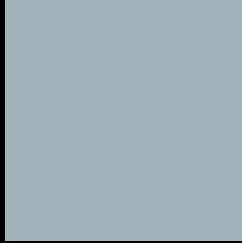
Large Text (above 18pt) WCAG AA × Fail

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 39.4802, 43.2590, 52.7234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

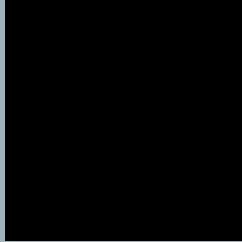
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

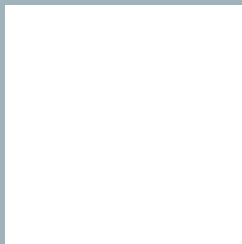
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4802, 43.2590, 52.7234

Background



This preview shows how black text looks on a background with the XYZ color 39.4802, 43.2590, 52.7234.



This preview shows how white text looks on a background with the XYZ color 39.4802, 43.2590,

52.7234.

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

39.4802, 43.2590, 52.7234

Protanopia

41.5878, 42.9211, 50.8924

Deuteranopia

43.9453, 42.9451, 53.5500



Tritanopia

40.1328, 43.2236, 56.0969

Trichromacy



Original Color

39.4802, 43.2590, 52.7234

Protanomaly

40.7546, 43.0574, 51.5103

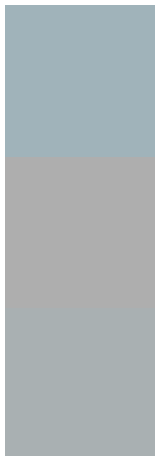
Deuteranomaly

42.0447, 42.8221, 53.0632

Tritanomaly

39.9126, 43.1356, 54.9376

Monochromacy



Original Color

39.4802, 43.2590, 52.7234

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.9234, 42.7000, 48.2572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4802, 43.2590, 52.7234 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(160, 179, 186)` looks like.

```
.text, #text, p{  
    color:rgb(160, 179, 186)  
}
```

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(160, 179, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 179, 186) }
```

Border

The CSS property to change the border of an element to XYZ 39.4802, 43.2590, 52.7234 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(160, 179, 186) }
```


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

```
.border{ border-color:rgb(160, 179, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 179, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 179, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 179, 186);  
box-shadow:4px 4px 4px 4px rgb(160, 179,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4802, 43.2590, 52.7234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 179, 186) }
```

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

```
.background{ background-color: rgb(160,  
179, 186) }
```

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