

Converting Colors

XYZ(39.2065, 43.2083, 52.8117)

Have a look what the booklet for
XYZ(39.2065, 43.2083, 52.8117)
contains.

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Color

**XYZ(39.0836, 43.0545,
52.7048)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB3BA
RGB	158, 179, 186
RGB Percent	62%, 70%, 73%
CMY	0.3804, 0.2980, 0.2706
CMYK	0.15, 0.04, 0.00, 0.27
HSL	195°, 17%, 67%
HSV	195°, 15%, 73%
XYZ	39.0836, 43.0545, 52.7048
YIQ	173.5190, -14.7630, -2.2750

Conversions

Conversions Part 2

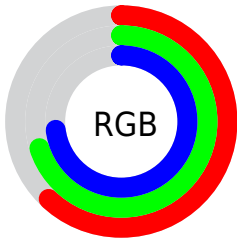
Format	Color
R_YB	158, 170, 186
Decimal	10400698
CIE _{Lab}	71.59, -5.74, -6.01
CIE _{LCh}	72, 8.314, 226.329
Yxy	43.0545, 0.2898, 0.3193
Android (android.graphics.Color)	4288590778 (0xFF9EB3BA)
YUV	173.5190, 6.1531, -13.6102
Hunter-Lab	65.6159, -8.5058, -1.6925

Details

The XYZ color **39.0836, 43.0545, 52.7048** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.8767, 39.8179, 37.9325**, and the grayscale version is **39.9615, 42.0426, 45.7844**.

A 20% lighter version of the original color is **73.1759, 79.9736, 95.5841**, and **17.6384, 19.6793, 25.0592** is the 20% darker color. If you saturate the color by 10%, you get **34.7826, 39.4785, 52.2419**, and if you desaturate by 10%, it is **43.9723, 46.9823, 53.2060**.

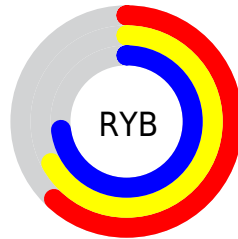
Distribution



Red (62%)

Green (70%)

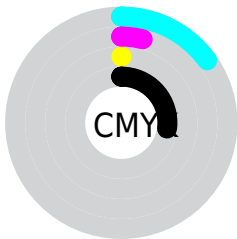
Blue (73%)



Red (62%)

Yellow (67%)

Blue (73%)

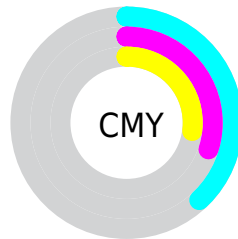


Cyan (15%)

Magenta (4%)

Yellow (0%)

Black (27%)



Cyan (38%)

Magenta (30%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0836, 43.0545, 52.7048 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 39.0836, 43.0545, 52.7048 by changing the saturation by 10% instead.

■ 39.0836, 43.0545,
52.7048

■ 39.0836, 43.0545,
52.7048

333.4468,
358.8359, 414.1857

■ 27.0058, 29.9279,
37.1811

■ 73.0593, 79.7931,
95.6070

■ 17.7142, 19.7839,
25.0508

■ 95.6878, 104.1739,
123.8225

■ 10.8434, 12.2380,
15.8956

122.5640,
133.0748, 157.1057

■ 6.0282, 6.9060,
9.2967

154.0532,
166.8803, 195.8751

■ 2.9030, 3.4034,
4.8358

190.5207,
205.9748, 240.5493

■ 1.1027, 1.3458,
2.0942

232.3319,

■ 0.0274, 0.1762,

250.7426, 291.5467

0.6123

279.8522,
301.5681, 349.2860

■ 0.0000, 0.0000,
0.0000

■ 39.0836, 43.0545,
52.7048

■ 39.0836, 43.0545,
52.7048

■ 34.7826, 39.4785,
52.2419

■ 43.9723, 46.9823,
53.2060

■ 31.0403, 36.2357,
51.8132

■ 49.4685, 51.2693,
53.7438

■ 27.8312, 33.3133,
51.4183

■ 55.5956, 55.9290,
54.3202

■ 25.1257, 30.6959,
51.0557

■ 62.3747, 60.9727,
54.9365

■ 22.8917, 28.3663,
50.7238

■ 69.8258, 66.4113,
55.5935

■ 21.0929, 26.3053,
50.4208

■ 72.3902, 69.3795,
56.0313

■ 19.6873, 24.4909,
50.1446

■ 73.5323, 71.6637,
56.4120

■ 18.6241, 22.8962,
49.8929

■ 74.7078, 74.0147,
56.8038

■ 18.1708, 22.1608,
49.7748

■ 75.9170, 76.4332,
57.2069

Harmonies

Analogous

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



38.3822, 43.0545, 49.0895



39.0836, 43.0545, 52.7048



40.2864, 43.0545, 54.8112

Triad

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



39.0836, 43.0545, 52.7048



43.6053, 43.0545, 48.7327



40.1667, 43.0545, 39.8350

Complementary

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



39.0836, 43.0545, 52.7048



39.8767, 39.8179, 37.9325

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.



41.5643, 43.0545, 39.7517



39.0836, 43.0545, 52.7048



43.5714, 43.0545, 44.7359

Square

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



39.0836, 43.0545, 52.7048



42.9086, 43.0545, 52.4308



42.8172, 43.0545, 41.4992



38.9977, 43.0545, 41.7337

Rectangle

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



39.0836, 43.0545, 52.7048



41.2207, 43.0545, 55.0025



42.8172, 43.0545, 41.4992



40.6247, 43.0545, 39.5976

Sweetspot

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



39.0849, 43.0563, 52.7058



79.6737, 85.1352, 96.4349



38.4094, 45.0873, 42.0542



17.3999, 18.6329, 21.2220



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.



39.0849, 43.0563, 52.7058



68.1984, 75.8689, 95.2511



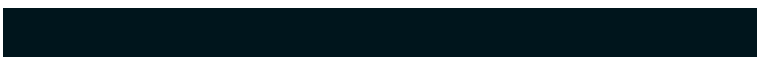
36.5037, 37.8940, 51.8454



9.0715, 9.8202, 11.4968



12.2864, 15.0324, 33.5071



0.4791, 0.6219, 1.1965

Inverse Universe

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



40.6143, 38.1484, 47.8727



71.5193, 65.3947, 84.7157



42.4487, 44.9619, 38.7898



9.2824, 9.1233, 10.8347



16.8153, 8.2999, 17.4459



0.6160, 0.3019, 0.7372

Previews

White Background



This preview shows how the XYZ color 39.0836, 43.0545, 52.7048 looks on a white background.

Color Contrast Check

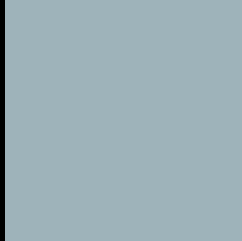
Large Text (above 18pt) WCAG AA × Fail

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 39.0836, 43.0545, 52.7048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

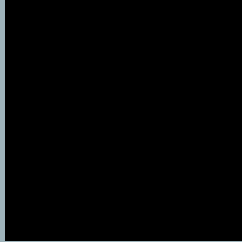
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

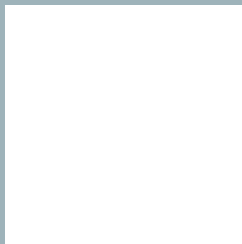
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0836, 43.0545, 52.7048

Background



This preview shows how black text looks on a background with the XYZ color 39.0836, 43.0545, 52.7048.



This preview shows how white text looks on a background with the XYZ color 39.0836, 43.0545,

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

39.0836, 43.0545, 52.7048

Protanopia

41.5878, 42.9211, 50.8924

Deuteranopia

43.7015, 42.8194, 53.5386



Tritanopia

39.7329, 43.0175, 56.0782

Trichromacy



Original Color

39.0836, 43.0545, 52.7048

Protanomaly

40.5392, 42.9464, 51.5002

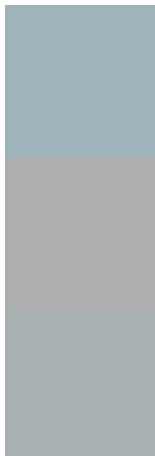
Deuteranomaly

41.8177, 42.7051, 53.0526

Tritanomaly

39.5127, 42.9294, 54.9189

Monochromacy



Original Color

39.0836, 43.0545, 52.7048

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.7097, 42.5899, 48.2472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0836, 43.0545, 52.7048 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(158, 179, 186)` looks like.

```
.text, #text, p{  
    color:rgb(158, 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(158, 179, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 179, 186) }
```

Border

The CSS property to change the border of an element to XYZ 39.0836, 43.0545, 52.7048 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(158, 179, 186) }
```


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

```
.border{ border-color:rgb(158, 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(158, 179, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 179, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 179, 186);  
box-shadow:4px 4px 4px 4px rgb(158, 179,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0836, 43.0545, 52.7048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 179, 186) }
```

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

```
.background{ background-color: rgb(158,  
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](#).

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