

Converting Colors

XYZ(34.8825, 40.0757, 53.8709)

Have a look what the booklet for
XYZ(34.8825, 40.0757, 53.8709)
contains.

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Color

**XYZ(34.8640, 39.9590,
54.0194)**

Conversions

Conversions Part 1

Format	Color
Hex	88B0BD
RGB	136, 176, 189
RGB Percent	53%, 69%, 74%
CMY	0.4667, 0.3098, 0.2588
CMYK	0.28, 0.07, 0.00, 0.26
HSL	195°, 29%, 64%
HSV	195°, 28%, 74%
XYZ	34.8640, 39.9590, 54.0194
YIQ	165.5220, -28.0130, -4.4370

Conversions

Conversions Part 2

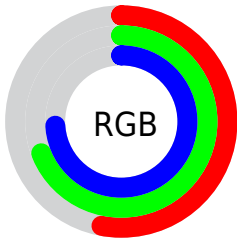
Format	Color
RYB	136, 159, 189
Decimal	8958141
CIELab	69.44, -10.36, -11.02
CIElCh	69, 15.123, 226.763
Yxy	39.9590, 0.2706, 0.3101
Android (android.graphics.Color)	4287148221 (0xFF88B0BD)
YUV	165.5220, 11.5747, -25.8908
Hunter-Lab	63.2131, -12.1747, -6.4177

Details

The XYZ color **34.8640, 39.9590, 54.0194** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.1782, 34.0917, 27.9671**, and the grayscale version is **35.9716, 37.8449, 41.2131**.

A 20% lighter version of the original color is **66.5732, 75.2529, 97.4027**, and **15.1830, 17.8283, 25.9335** is the 20% darker color. If you saturate the color by 10%, you get **31.1679, 36.7283, 53.5913**, and if you desaturate by 10%, it is **39.1348, 43.5341, 54.4850**.

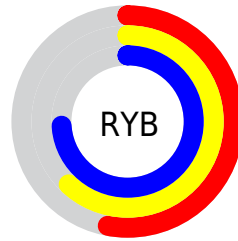
Distribution



Red (53%)

Green (69%)

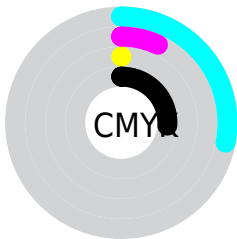
Blue (74%)



Red (53%)

Yellow (62%)

Blue (74%)

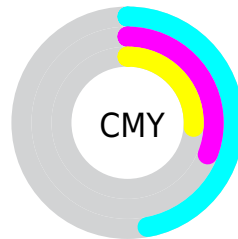


Cyan (28%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (47%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8640, 39.9590, 54.0194 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 34.8640, 39.9590, 54.0194 by changing the saturation by 10% instead.

■ 34.8640, 39.9590,
54.0194

■ 34.8640, 39.9590,
54.0194

315.4862,
345.9507, 419.3607

■ 23.7242, 27.5066,
38.2239

■ 66.6104, 75.1011,
97.5594

■ 15.2528, 17.9540,
25.8533

■ 87.9477, 98.5595,
126.1410

■ 9.0844, 10.9170,
16.4892

■ 113.4149,
126.4554, 159.8217

■ 4.8538, 6.0110,
9.7129

143.3773,
159.1732, 199.0200

■ 2.1956, 2.8518,
5.1059

178.2003,
197.0972, 244.1546

■ 0.7404, 1.0549,
2.2497

218.2492,

■ 0.0000, 0.0000,

240.6119, 295.6438

0.7028

263.8893,
290.1016, 353.9064

■ 0.0000, 0.0000,
0.0000

■ 34.8640, 39.9590,
54.0194

■ 34.8640, 39.9590,
54.0194

■ 31.1679, 36.7283,
53.5913

■ 39.1348, 43.5341,
54.4850

■ 28.0141, 33.8218,
53.1965

■ 44.0034, 47.4628,
54.9868

■ 25.3726, 31.2245,
52.8344

■ 49.4959, 51.7602,
55.5267

■ 23.2086, 28.9181,
52.5033

■ 55.6357, 56.4386,
56.1062

■ 21.4830, 26.8819,
52.2012

■ 62.4451, 61.5101,
56.7262

■ 20.1498, 25.0917,
51.9259

■ 69.9452, 66.9858,
57.3878

■ 19.1380, 23.5105,
51.6740

■ 73.0912, 70.2657,
57.8550

■ 18.9552, 23.2138,
51.6264

■ 74.2411, 72.5656,
58.2384

■ 75.4244, 74.9321,
58.6328

Harmonies

Analogous

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



33.6736, 39.9590, 47.4890



34.8640, 39.9590, 54.0194



36.9185, 39.9590, 57.8998

Triad

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



34.8640, 39.9590, 54.0194



42.7190, 39.9590, 46.6495



36.6462, 39.9590, 31.8978

Complementary

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



34.8640, 39.9590, 54.0194



36.1782, 34.0917, 27.9671

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.



39.0613, 39.9590, 31.7245



34.8640, 39.9590, 54.0194



42.6384, 39.9590, 39.7570

Square

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



34.8640, 39.9590, 54.0194



41.4916, 39.9590, 53.3485



41.2760, 39.9590, 34.4581



34.6720, 39.9590, 34.9597

Rectangle

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



34.8640, 39.9590, 54.0194



38.5335, 39.9590, 58.2182



41.2760, 39.9590, 34.4581



37.4314, 39.9590, 31.5121

Sweetspot

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



34.8652, 39.9606, 54.0203



78.7288, 84.9411, 98.4720



33.7262, 43.7800, 34.8432



16.6323, 18.0290, 21.1459



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.



34.8652, 39.9606, 54.0203



58.0235, 67.7364, 96.2425



30.2672, 30.7647, 52.4877



9.6050, 10.4023, 12.1738



12.8159, 15.7435, 34.7562



0.5504, 0.7134, 1.3776

Inverse Universe

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



37.6279, 31.5628, 45.1850



63.9380, 50.4681, 77.1682



40.7350, 43.2053, 29.4861



9.8272, 9.6552, 11.4792



17.4696, 8.6190, 18.2985



0.7087, 0.3474, 0.8453

Previews

White Background



This preview shows how the XYZ color 34.8640, 39.9590, 54.0194 looks on a white background.

Color Contrast Check

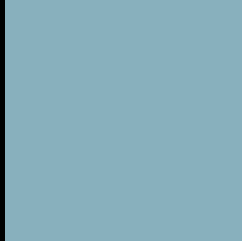
Large Text (above 18pt) WCAG AA × Fail

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 34.8640, 39.9590, 54.0194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

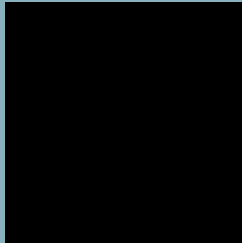
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8640, 39.9590, 54.0194

Background



This preview shows how black text looks on a background with the XYZ color 34.8640, 39.9590, 54.0194.



This preview shows how white text looks on a background with the XYZ color 34.8640, 39.9590,

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

34.8640, 39.9590, 54.0194

Protanopia

38.8028, 39.7908, 50.9827

Deuteranopia

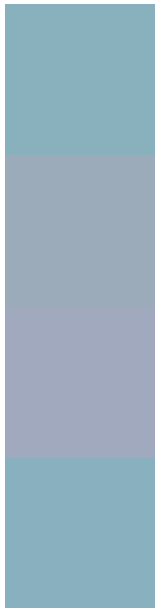
40.5383, 39.7858, 54.8330



Tritanopia

34.9729, 40.0026, 54.5932

Trichromacy



Original Color

34.8640, 39.9590, 54.0194

Protanomaly

37.1361, 39.7389, 52.1675

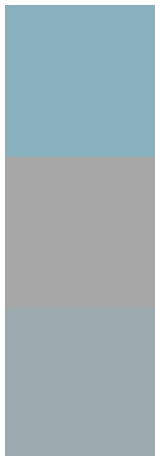
Deuteranomaly

38.1802, 39.6707, 54.3601

Tritanomaly

34.9729, 40.0026, 54.5932

Monochromacy



Original Color

34.8640, 39.9590, 54.0194

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.5323, 38.7740, 45.6558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8640, 39.9590, 54.0194 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(136, 176, 189)` looks like.

```
.text, #text, p{  
    color:rgb(136, 176, 189)  
}
```

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(136, 176, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 176, 189) }
```

Border

The CSS property to change the border of an element to XYZ 34.8640, 39.9590, 54.0194 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(136, 176, 189) }
```


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

```
.border{ border-color:rgb(136, 176, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 176, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 176, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 176, 189);  
box-shadow:4px 4px 4px 4px rgb(136, 176,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8640, 39.9590, 54.0194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 176, 189) }
```

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

```
.background{ background-color: rgb(136,  
176, 189) }
```

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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