

Converting Colors

XYZ(34.4545, 39.9480, 46.7480)

Have a look what the booklet for
XYZ(34.4545, 39.9480, 46.7480)
contains.

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Color

**XYZ(34.5171, 39.9360,
46.9635)**

Conversions

Conversions Part 1

Format	Color
Hex	8EB0B0
RGB	142, 176, 176
RGB Percent	56%, 69%, 69%
CMY	0.4431, 0.3098, 0.3098
CMYK	0.19, 0.00, 0.00, 0.31
HSL	180°, 18%, 62%
HSV	180°, 19%, 69%
XYZ	34.5171, 39.9360, 46.9635
YIQ	165.8340, -20.2640, -7.2080

Conversions

Conversions Part 2

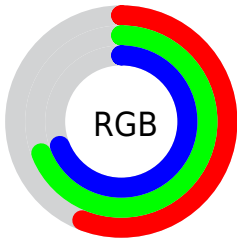
Format	Color
RYB	142, 159, 176
Decimal	9351344
CIELab	69.42, -11.48, -3.83
CIElCh	69, 12.102, 198.444
Yxy	39.9360, 0.2843, 0.3289
Android (android.graphics.Color)	4287541424 (0xFF8EB0B0)
YUV	165.8340, 5.0118, -20.9024
Hunter-Lab	63.1949, -13.0944, 0.1749

Details

The XYZ color **34.5171, 39.9360, 46.9635** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.4613, 30.5301, 29.7748**, and the grayscale version is **36.1498, 38.0324, 41.4173**.

A 20% lighter version of the original color is **66.1871, 75.2752, 87.3851**, and **15.0354, 17.8453, 21.7208** is the 20% darker color. If you saturate the color by 10%, you get **31.7328, 38.5017, 46.8334**, and if you desaturate by 10%, it is **37.7805, 41.6194, 47.1177**.

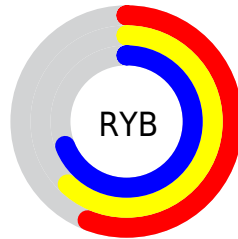
Distribution



Red (56%)

Green (69%)

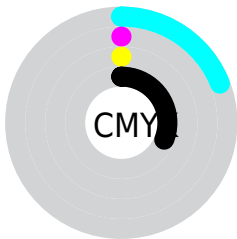
Blue (69%)



Red (56%)

Yellow (62%)

Blue (69%)

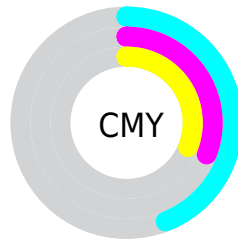


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (31%)



Cyan (44%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5171, 39.9360, 46.9635 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 34.5171, 39.9360, 46.9635 by changing the saturation by 10% instead.

■ 34.5171, 39.9360,
46.9635

■ 34.5171, 39.9360,
46.9635

313.9772,
345.8537, 391.0584

■ 23.4559, 27.4886,
32.6527

■ 66.0760, 75.0660,
87.0085

■ 15.0530, 17.9406,
21.5916

■ 87.3043, 98.5175,
113.5798

■ 8.9432, 10.9073,
13.3617

■ 112.6525,
126.4058, 145.0750

■ 4.7610, 6.0045,
7.5444

142.4857,
159.1154, 181.9127

■ 2.1410, 2.8478,
3.7213

177.1695,
197.0306, 224.5113

■ 0.7114, 1.0528,
1.4737

217.0691,

■ 0.0000, 0.0000,

240.5357, 273.2894

0.1982

262.5498,
290.0153, 328.6656

■ 0.0000, 0.0000,
0.0000

■ 34.5171, 39.9360,
46.9635

■ 34.5171, 39.9360,
46.9635

■ 31.7328, 38.5017,
46.8334

■ 37.7805, 41.6194,
47.1177

■ 29.4019, 37.3001,
46.7238

■ 41.5405, 43.5577,
47.2942

■ 27.5014, 36.3204,
46.6342

■ 45.8177, 45.7627,
47.4950

■ 26.0050, 35.5489,
46.5636

■ 50.6308, 48.2439,
47.7209

■ 24.8834, 34.9707,
46.5105

■ 55.9975, 51.0105,
47.9726

■ 24.1035, 34.5687,
46.4734

■ 61.9344, 54.0711,
48.2511

■ 23.6265, 34.3228,
46.4504

■ 64.6034, 55.4470,
48.3766

■ 23.3767, 34.1941,
46.4382

■ 64.6036, 55.4471,
48.3772

■ 23.3617, 34.1863,
46.4374

■ 64.6037, 55.4471,
48.3778

Harmonies

Analogous

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



34.4080, 39.9360, 41.3714



34.5171, 39.9360, 46.9635



35.5290, 39.9360, 52.0076

Triad

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



34.5171, 39.9360, 46.9635



40.8281, 39.9360, 50.9884



38.7127, 39.9360, 33.8048

Complementary

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



34.5171, 39.9360, 46.9635



32.4613, 30.5301, 29.7748

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.



40.4952, 39.9360, 35.9458



34.5171, 39.9360, 46.9635



41.7441, 39.9360, 45.6664

Square

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



34.5171, 39.9360, 46.9635



39.1544, 39.9360, 54.4648



41.6202, 39.9360, 40.1798



36.7862, 39.9360, 34.0874

Rectangle

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



34.5171, 39.9360, 46.9635



36.5994, 39.9360, 54.2337



41.6202, 39.9360, 40.1798



39.3498, 39.9360, 34.2570

Sweetspot

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



34.5183, 39.9376, 46.9644



70.6097, 76.5586, 85.5504



31.6618, 38.8063, 31.4135



15.2119, 16.5449, 18.5359



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.5183, 39.9376, 46.9644



60.4368, 71.3143, 85.0724



31.4887, 33.8782, 45.9557



8.7427, 9.6316, 10.9045



17.1402, 25.0820, 34.0705



0.5393, 0.7892, 1.0720

Inverse Universe

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



32.4613, 30.5301, 29.7748



56.0466, 51.2353, 48.3834



35.0893, 35.7863, 30.6499



8.4964, 8.5053, 8.8465



13.1369, 6.7723, 0.6151



0.4134, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 34.5171, 39.9360, 46.9635 looks on a white background.

Color Contrast Check

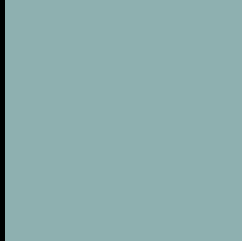
Large Text (above 18pt) WCAG AA × Fail

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 34.5171, 39.9360, 46.9635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

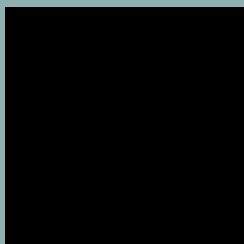
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

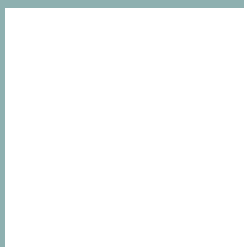
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5171, 39.9360, 46.9635

Background



This preview shows how black text looks on a background with the XYZ color 34.5171, 39.9360, 46.9635.



This preview shows how white text looks on a background with the XYZ color 34.5171, 39.9360,

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

34.5171, 39.9360, 46.9635

Protanopia

38.1479, 39.6035, 44.1617

Deuteranopia

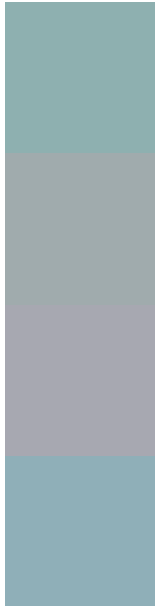
40.3674, 39.5890, 47.6333



Tritanopia

35.7148, 39.8322, 53.3830

Trichromacy



Original Color

34.5171, 39.9360, 46.9635

Protanomaly

36.6029, 39.6165, 45.2527

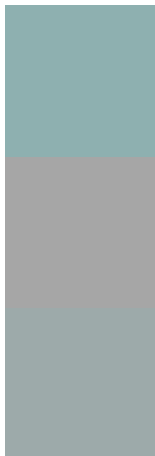
Deuteranomaly

37.8748, 39.3951, 47.2028

Tritanomaly

35.3094, 39.9603, 51.1995

Monochromacy



Original Color

34.5171, 39.9360, 46.9635

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.5351, 38.8198, 43.6503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5171, 39.9360, 46.9635 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(142, 176, 176)` looks like.

```
.text, #text, p{  
    color:rgb(142, 176, 176)  
}
```

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(142, 176, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 176, 176) }
```

Border

The CSS property to change the border of an element to XYZ 34.5171, 39.9360, 46.9635 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(142, 176, 176) }
```


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

```
.border{ border-color:rgb(142, 176, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 176, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 176, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 176, 176);  
box-shadow:4px 4px 4px 4px rgb(142, 176,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5171, 39.9360, 46.9635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 176, 176) }
```

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

```
.background{ background-color: rgb(142,  
176, 176) }
```

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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