

Converting Colors

XYZ(34.4398, 39.9484, 52.3971)

Have a look what the booklet for
XYZ(34.4398, 39.9484, 52.3971)
contains.

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Color

**XYZ(34.5767, 40.1403,
52.3798)**

Conversions

Conversions Part 1

Format	Color
Hex	87B1BA
RGB	135, 177, 186
RGB Percent	53%, 69%, 73%
CMY	0.4706, 0.3059, 0.2706
CMYK	0.27, 0.05, 0.00, 0.27
HSL	191°, 27%, 63%
HSV	191°, 27%, 73%
XYZ	34.5767, 40.1403, 52.3798
YIQ	165.4680, -27.9210, -6.1050

Conversions

Conversions Part 2

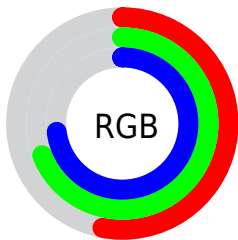
Format	Color
RYB	135, 158, 186
Decimal	8892858
CIELab	69.57, -11.90, -9.18
CIElCh	70, 15.029, 217.635
Yxy	40.1403, 0.2721, 0.3158
Android (android.graphics.Color)	4287082938 (0xFF87B1BA)
YUV	165.4680, 10.1223, -26.7204
Hunter-Lab	63.3564, -13.4574, -4.6685

Details

The XYZ color **34.5767, 40.1403, 52.3798** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.5966, 32.1351, 27.3018**, and the grayscale version is **35.9523, 37.8247, 41.1910**.

A 20% lighter version of the original color is **66.1522, 75.5074, 95.0922**, and **15.0086, 17.9478, 24.8635** is the 20% darker color. If you saturate the color by 10%, you get **31.2014, 37.4505, 52.0392**, and if you desaturate by 10%, it is **38.4928, 43.1340, 52.7519**.

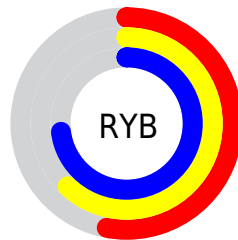
Distribution



Red (53%)

Green (69%)

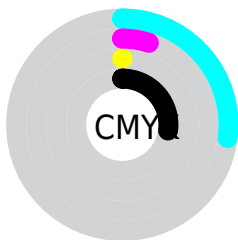
Blue (73%)



Red (53%)

Yellow (62%)

Blue (73%)

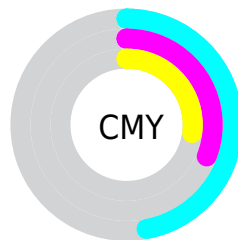


Cyan (27%)

Magenta (5%)

Yellow (0%)

Black (27%)



Cyan (47%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5767, 40.1403, 52.3798 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 34.5767, 40.1403, 52.3798 by changing the saturation by 10% instead.

■ 34.5767, 40.1403,
52.3798

■ 34.5767, 40.1403,
52.3798

314.2368,
346.7146, 412.8997

■ 23.5020, 27.6480,
36.9236

■ 66.1678, 75.3771,
95.1234

■ 15.0873, 18.0604,
24.8530

■ 87.4150, 98.8904,
123.2479

■ 8.9674, 10.9934,
15.7495

■ 112.7836,
126.8460, 156.4321

■ 4.7769, 6.0624,
9.1947

142.6391,
159.6285, 195.0948

■ 2.1504, 2.8831,
4.7698

177.3468,
197.6222, 239.6543

■ 0.7164, 1.0710,
2.0565

217.2721,

■ 0.0000, 0.0000,

241.2115, 290.5293

0.5897

262.7803,
290.7809, 348.1382

■ 0.0000, 0.0000,
0.0000

■ 34.5767, 40.1403,
52.3798

■ 34.5767, 40.1403,
52.3798

■ 31.2014, 37.4505,
52.0392

■ 38.4928, 43.1340,
52.7519

■ 28.3361, 35.0456,
51.7260

■ 42.9714, 46.4400,
53.1540

■ 25.9521, 32.9117,
51.4398

■ 48.0375, 50.0723,
53.5881

■ 24.0165, 31.0316,
51.1789

■ 53.7133, 54.0426,
54.0553

■ 22.4922, 29.3860,
50.9416

■ 60.0199, 58.3618,
54.5566

■ 21.3358, 27.9523,
50.7258

■ 66.9776, 63.0406,
55.0929

■ 20.4840, 26.6979,
50.5286

■ 70.7515, 66.1021,
55.4850

■ 20.2845, 26.3882,
50.4793

■ 71.5196, 67.6383,
55.7410

■ 72.3041, 69.2074,
56.0025

Harmonies

Analogous

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



33.7139, 40.1403, 45.5046



34.5767, 40.1403, 52.3798



36.4049, 40.1403, 57.2582

Triad

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



34.5767, 40.1403, 52.3798



42.6297, 40.1403, 48.9879



37.5359, 40.1403, 31.7592

Complementary

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



34.5767, 40.1403, 52.3798



34.5966, 32.1351, 27.3018

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.



39.9544, 40.1403, 32.4810



34.5767, 40.1403, 52.3798



42.9638, 40.1403, 41.9553

Square

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



34.5767, 40.1403, 52.3798



41.0714, 40.1403, 55.1597



41.9660, 40.1403, 36.0468



35.3746, 40.1403, 33.9588

Rectangle

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



34.5767, 40.1403, 52.3798



37.9600, 40.1403, 58.4557



41.9660, 40.1403, 36.0468



38.3449, 40.1403, 31.6728

Sweetspot

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



34.5779, 40.1419, 52.3807



77.2730, 83.7271, 96.2896



32.5472, 42.2678, 32.6296



16.7335, 18.2312, 21.1796



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.



34.5779, 40.1419, 52.3807



58.8109, 69.7065, 94.5564



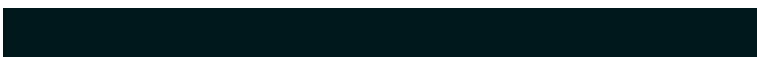
30.0836, 31.1534, 50.8826



9.1283, 9.9338, 11.5157



13.6957, 17.8511, 33.9768



0.5186, 0.7009, 1.2097

Inverse Universe

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



36.8504, 30.9423, 45.6270



63.7022, 50.4802, 79.8910



38.8116, 40.5651, 28.7068



9.3111, 9.1348, 10.9856



17.5266, 8.5844, 21.1919



0.6359, 0.3098, 0.8422

Previews

White Background



This preview shows how the XYZ color 34.5767, 40.1403, 52.3798 looks on a white background.

Color Contrast Check

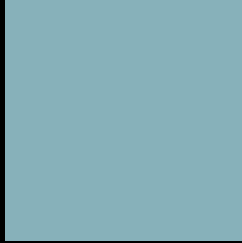
Large Text (above 18pt) WCAG AA × Fail

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 34.5767, 40.1403, 52.3798 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

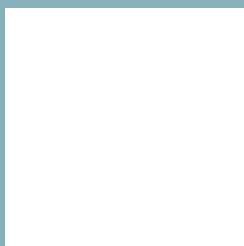
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5767, 40.1403, 52.3798

Background



This preview shows how black text looks on a background with the XYZ color 34.5767, 40.1403, 52.3798.



This preview shows how white text looks on a background with the XYZ color 34.5767, 40.1403,

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

34.5767, 40.1403, 52.3798

Protanopia

38.7053, 39.7765, 49.3537

Deuteranopia

40.7719, 39.9315, 53.7028



Tritanopia

34.9729, 40.0026, 54.5932

Trichromacy



Original Color

34.5767, 40.1403, 52.3798

Protanomaly

37.0148, 39.7128, 50.5142

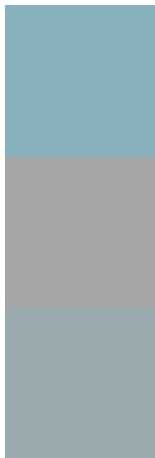
Deuteranomaly

38.1654, 39.6882, 53.2260

Tritanomaly

34.8640, 39.9590, 54.0194

Monochromacy



Original Color

34.5767, 40.1403, 52.3798

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.0572, 38.2631, 45.0730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5767, 40.1403, 52.3798 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(135, 177, 186)` looks like.

```
.text, #text, p{  
    color:rgb(135, 177, 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(135, 177, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 177, 186) }
```

Border

The CSS property to change the border of an element to XYZ 34.5767, 40.1403, 52.3798 is called "border". The border property can be set on classes, ids or directly on the HTML element.

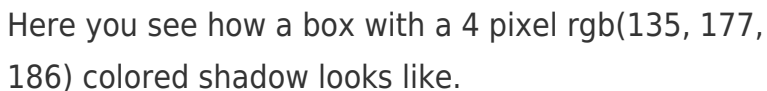
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 177, 186) }
```


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

```
.border{ border-color:rgb(135, 177, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 177, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 177, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 177, 186);  
box-shadow:4px 4px 4px 4px rgb(135, 177,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5767, 40.1403, 52.3798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 177, 186) }
```

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

```
.background{ background-color: rgb(135,  
177, 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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