

Converting Colors

XYZ(34.3842, 40.9669, 50.8949)

Have a look what the booklet for
XYZ(34.3842, 40.9669, 50.8949)
contains.

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Color

**XYZ(34.3842, 40.9669,
50.8949)**

Conversions

Conversions Part 1

Format	Color
Hex	84B4B7
RGB	132, 180, 183
RGB Percent	52%, 71%, 72%
CMY	0.4823, 0.2941, 0.2823
CMYK	0.28, 0.02, 0.00, 0.28
HSL	184°, 26%, 62%
HSV	184°, 28%, 72%
XYZ	34.3842, 40.9669, 50.8949
YIQ	165.9900, -29.5710, -9.2430

Conversions

Conversions Part 2

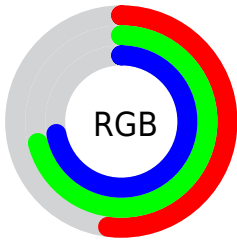
Format	Color
R_YB	132, 157, 183
Decimal	8697015
CIE Lab	70.15, -15.08, -6.68
CIE LCh	70, 16.492, 203.880
Yxy	40.9669, 0.2724, 0.3245
Android (android.graphics.Color)	4286887095 (0xFF84B4B7)
YUV	165.9900, 8.3859, -29.8092
Hunter-Lab	64.0054, -16.1178, -2.3416

Details

The XYZ color **34.3842, 40.9669, 50.8949** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.3578, 29.0615, 25.7346**, and the grayscale version is **36.2126, 38.0985, 41.4892**.

A 20% lighter version of the original color is **65.8251, 76.6620, 92.9892**, and **14.9269, 18.4959, 23.9024** is the 20% darker color. If you saturate the color by 10%, you get **31.5537, 39.1876, 50.7013**, and if you desaturate by 10%, it is **37.7208, 43.0116, 51.1144**.

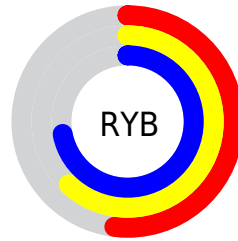
Distribution



Red (52%)

Green (71%)

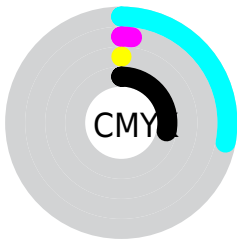
Blue (72%)



Red (52%)

Yellow (62%)

Blue (72%)

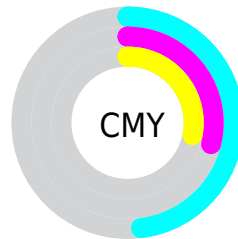


Cyan (28%)

Magenta (2%)

Yellow (0%)

Black (28%)



Cyan (48%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3842, 40.9669, 50.8949 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 34.3842, 40.9669, 50.8949 by changing the saturation by 10% instead.

■ 34.3842, 40.9669,
50.8949

■ 34.3842, 40.9669,
50.8949

313.3977,
350.1823, 406.9902

■ 23.3532, 28.2932,
35.7488

■ 65.8710, 76.6336,
92.9093

■ 14.9766, 18.5468,
23.9521

■ 87.0575, 100.3955,
120.6147

■ 8.8892, 11.3433,
15.0862

■ 112.3599,
128.6222, 153.3437

■ 4.7255, 6.2982,
8.7326

142.1436,
161.6982, 191.5147

■ 2.1202, 3.0273,
4.4728

176.7738,
200.0077, 235.5463

■ 0.7002, 1.1460,
1.8881

216.6160,

■ 0.0000, 0.0169,

243.9354, 285.8571

0.4852

262.0355,
293.8654, 342.8655

■ 0.0000, 0.0000,
0.0000

■ 34.3842, 40.9669,
50.8949

■ 34.3842, 40.9669,
50.8949

■ 31.5537, 39.1876,
50.7013

■ 37.7208, 43.0116,
51.1144

■ 29.1995, 37.6553,
50.5296

■ 41.5841, 45.3294,
51.3582

■ 27.2941, 36.3569,
50.3794

■ 45.9982, 47.9337,
51.6282

■ 25.8059, 35.2760,
50.2493

■ 50.9844, 50.8353,
51.9255

■ 24.6991, 34.3942,
50.1374

■ 56.5630, 54.0449,
52.2509

■ 23.9318, 33.6899,
50.0419

■ 62.7533, 57.5724,
52.6055

■ 23.4390, 33.1296,
49.9597

■ 67.6711, 60.4464,
52.9011

■ 23.3463, 33.0169,
49.9428

■ 67.9010, 60.9063,
52.9777

■ 68.1327, 61.3696,
53.0549

Harmonies

Analogous

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



34.0041, 40.9669, 43.0407



34.3842, 40.9669, 50.8949



35.9591, 40.9669, 57.7160

Triad

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



34.3842, 40.9669, 50.8949



43.2805, 40.9669, 53.9497



39.4935, 40.9669, 31.4042

Complementary

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



34.3842, 40.9669, 50.8949



32.3578, 29.0615, 25.7346

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.



42.0766, 40.9669, 33.6487



34.3842, 40.9669, 50.8949



44.3271, 40.9669, 46.2088

Square

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



34.3842, 40.9669, 50.8949



41.0759, 40.9669, 59.6173



43.8767, 40.9669, 38.8577



36.8752, 40.9669, 32.3531

Rectangle

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



34.3842, 40.9669, 50.8949



37.5151, 40.9669, 60.4556



43.8767, 40.9669, 38.8577



40.3960, 40.9669, 31.8011

Sweetspot

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



34.3854, 40.9685, 50.8958



74.2802, 81.0670, 91.9682



30.7916, 40.5099, 28.9531



16.1632, 17.7604, 20.2978



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.3854, 40.9685, 50.8958



58.5959, 71.5061, 90.9494



29.7768, 31.7514, 49.3596



9.2203, 10.1177, 11.5464



16.3043, 23.0683, 34.8464



0.5885, 0.8408, 1.2330

Inverse Universe

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



36.0189, 29.8660, 47.0481



61.9982, 48.6465, 82.8760



36.2735, 36.8930, 27.0399



9.3575, 9.1534, 11.2301



18.8434, 9.1111, 28.1256



0.6712, 0.3240, 1.0281

Previews

White Background



This preview shows how the XYZ color 34.3842, 40.9669, 50.8949 looks on a white background.

Color Contrast Check

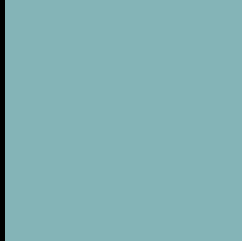
Large Text (above 18pt) WCAG AA × Fail

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 34.3842, 40.9669, 50.8949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

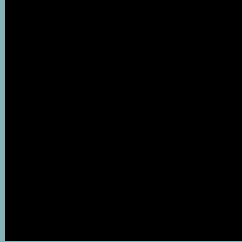
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3842, 40.9669, 50.8949

Background



This preview shows how black text looks on a background with the XYZ color 34.3842, 40.9669, 50.8949.



This preview shows how white text looks on a background with the XYZ color 34.3842, 40.9669,

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

34.3842, 40.9669, 50.8949

Protanopia

39.3238, 40.6944, 47.3772

Deuteranopia

41.5552, 40.6414, 52.1087



Tritanopia

35.3775, 40.7594, 56.4548

Trichromacy



Original Color

34.3842, 40.9669, 50.8949

Protanomaly

37.1774, 40.6949, 48.5433

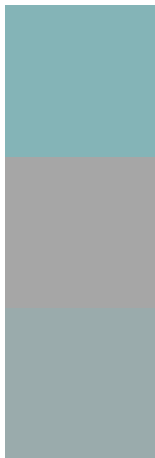
Deuteranomaly

38.4241, 40.4151, 51.6747

Tritanomaly

34.9783, 40.9009, 54.1952

Monochromacy



Original Color

34.3842, 40.9669, 50.8949

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.3357, 38.9744, 44.6901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3842, 40.9669, 50.8949 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(132, 180, 183)` looks like.

```
.text, #text, p{  
    color:rgb(132, 180, 183)  
}
```

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(132, 180, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 180, 183) }
```

Border

The CSS property to change the border of an element to XYZ 34.3842, 40.9669, 50.8949 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(132, 180, 183) }
```


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

```
.border{ border-color:rgb(132, 180, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 180, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 180, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 180, 183);  
box-shadow:4px 4px 4px 4px rgb(132, 180,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3842, 40.9669, 50.8949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 180, 183) }
```

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

```
.background{ background-color: rgb(132,  
180, 183) }
```

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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