

Converting Colors

XYZ(34.8994, 38.8682, 39.3796)

Have a look what the booklet for
XYZ(34.8994, 38.8682, 39.3796)
contains.

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Color

**XYZ(34.9006, 38.8671,
39.3809)**

Conversions

Conversions Part 1

Format	Color
Hex	9DABA1
RGB	157, 171, 161
RGB Percent	62%, 67%, 63%
CMY	0.3843, 0.3294, 0.3686
CMYK	0.08, 0.00, 0.06, 0.33
HSL	137°, 8%, 64%
HSV	137°, 8%, 67%
XYZ	34.9006, 38.8671, 39.3809
YIQ	165.6740, -5.1340, -6.0780

Conversions

Conversions Part 2

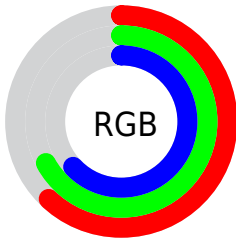
Format	Color
RYB	157, 168, 171
Decimal	10333089
CIELab	68.65, -6.85, 3.46
CIElCh	69, 7.673, 153.199
Yxy	38.8671, 0.3084, 0.3435
Android (android.graphics.Color)	4288523169 (0xFF9DABA1)
YUV	165.6740, -2.3043, -7.6071
Hunter-Lab	62.3435, -9.1747, 6.1884

Details

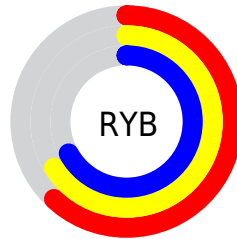
The XYZ color **34.9006, 38.8671, 39.3809** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8280, 35.5630, 41.5371**, and the grayscale version is **36.1016, 37.9817, 41.3621**.

A 20% lighter version of the original color is **66.7424, 73.3476, 75.6056**, and **15.3552, 17.3836, 17.2979** is the 20% darker color. If you saturate the color by 10%, you get **30.7699, 36.8572, 33.8366**, and if you desaturate by 10%, it is **39.6057, 41.1632, 45.5031**.

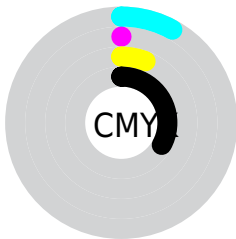
Distribution



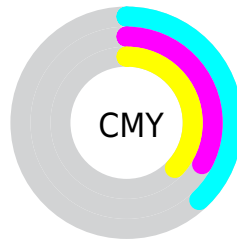
- Red (62%)
- Green (67%)
- Blue (63%)



- Red (62%)
- Yellow (66%)
- Blue (67%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (33%)



- Cyan (38%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9006, 38.8671, 39.3809 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 34.9006, 38.8671, 39.3809 by changing the saturation by 10% instead.

■ 34.9006, 38.8671,
39.3809

■ 34.9006, 38.8671,
39.3809

315.6451,
341.3251, 358.9814

■ 23.7525, 26.6564,
26.7461

■ 66.6668, 73.4352,
75.4466

■ 15.2738, 17.3153,
17.1519

■ 88.0156, 96.5614,
99.7145

■ 9.0994, 10.4596,
10.1797

113.4953,
124.0949, 128.6972

■ 4.8637, 5.7047,
5.4111

143.4712,
156.4200, 162.8133

■ 2.2014, 2.6664,
2.4275

178.3089,
193.9212, 202.4812

■ 0.7435, 0.9601,
0.8014

218.3735,

■ 0.0000, 0.0000,

236.9829, 248.1194

0.0000

264.0304,
285.9894, 300.1467

■ 34.9006, 38.8671,
39.3809

■ 34.9006, 38.8671,
39.3809

■ 30.7699, 36.8572,
33.8366

■ 39.6057, 41.1632,
45.5031

■ 27.1881, 35.1174,
28.8510

■ 44.9031, 43.7509,
52.2167

■ 24.1325, 33.6373,
24.4074

■ 50.8137, 46.6420,
59.5380

■ 21.5776, 32.4043,
20.4874

■ 57.3566, 49.8460,
67.4818

■ 19.4955, 31.4044,
17.0714

■ 64.5500, 53.3718,
76.0623

■ 17.8559, 30.6224,
14.1389

■ 70.6972, 56.3447,
85.2132

■ 16.6243, 30.0409,
11.6677

■ 72.5166, 57.0724,
94.7936

■ 15.7612, 29.6401,
9.6338

■ 73.8536, 57.6073,
101.8345

■ 15.2013, 29.3868,
8.0102

Harmonies

Analogous

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



35.6806, 38.8671, 36.9766



34.9006, 38.8671, 39.3809



34.6636, 38.8671, 42.6932

Triad

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



34.9006, 38.8671, 39.3809



37.0722, 38.8671, 49.3398



38.9267, 38.8671, 38.7692

Complementary

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



34.9006, 38.8671, 39.3809



35.8280, 35.5630, 41.5371

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.



39.3182, 38.8671, 41.9483



34.9006, 38.8671, 39.3809



38.2329, 38.8671, 48.1541

Square

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



34.9006, 38.8671, 39.3809



35.9011, 38.8671, 48.5612



39.0615, 38.8671, 45.4011



38.0029, 38.8671, 36.6373

Rectangle

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



34.9006, 38.8671, 39.3809



34.8410, 38.8671, 45.0038



39.0615, 38.8671, 45.4011



39.1258, 38.8671, 39.7445

Sweetspot

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



34.9017, 38.8688, 39.3818



67.5638, 72.0756, 77.1485



36.5936, 39.7811, 37.6488



15.0883, 16.0835, 17.2320



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.9017, 38.8688, 39.3818



60.9524, 68.8525, 68.4714



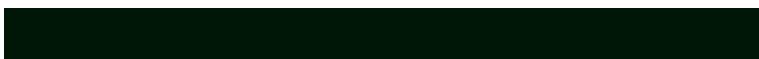
35.5336, 39.1215, 42.7095



7.9951, 8.9756, 8.9990



11.4139, 22.1308, 5.9534



0.3413, 0.6252, 0.2909

Inverse Universe

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



35.8280, 35.5630, 41.5371



62.9868, 61.5922, 73.2046



35.2009, 35.3121, 38.2345



8.2380, 8.1085, 9.5643



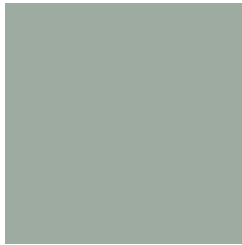
15.3394, 7.5983, 14.6988



0.4487, 0.2202, 0.5246

Previews

White Background



This preview shows how the XYZ color 34.9006, 38.8671, 39.3809 looks on a white background.

Color Contrast Check

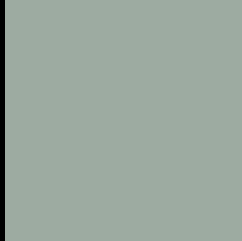
Large Text (above 18pt) WCAG AA × Fail

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 34.9006, 38.8671, 39.3809 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

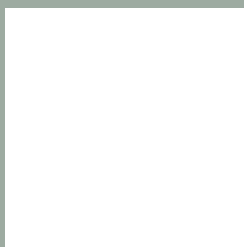
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9006, 38.8671, 39.3809

Background



This preview shows how black text looks on a background with the XYZ color 34.9006, 38.8671, 39.3809.



This preview shows how white text looks on a background with the XYZ color 34.9006, 38.8671,

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

34.9006, 38.8671, 39.3809

Protanopia

37.0900, 38.9113, 38.3567

Deuteranopia

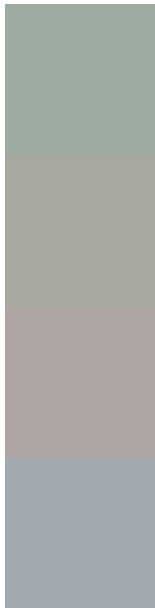
39.5388, 38.7993, 40.0554



Tritanopia

36.8403, 38.8150, 49.2664

Trichromacy



Original Color

34.9006, 38.8671, 39.3809

Protanomaly

36.2841, 38.7588, 38.8265

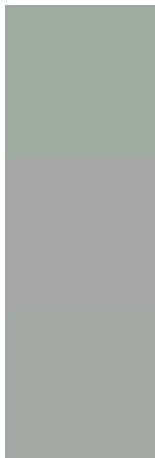
Deuteranomaly

37.6559, 38.6329, 39.6546

Tritanomaly

36.1260, 38.8029, 45.6301

Monochromacy



Original Color

34.9006, 38.8671, 39.3809

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.8077, 38.4721, 40.6606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9006, 38.8671, 39.3809 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(157, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(157, 171, 161)  
}
```

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(157, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 171, 161) }
```

Border

The CSS property to change the border of an element to XYZ 34.9006, 38.8671, 39.3809 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(157, 171, 161) }
```


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

```
.border{ border-color:rgb(157, 171, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 171, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 171, 161);  
box-shadow:4px 4px 4px 4px rgb(157, 171,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9006, 38.8671, 39.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 171, 161) }
```

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

```
.background{ background-color: rgb(157,  
171, 161) }
```

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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