

Converting Colors

XYZ(34.5173, 38.5648, 42.2874)

Have a look what the booklet for
XYZ(34.5173, 38.5648, 42.2874)
contains.

XYZ(34.4869, 38.5912, 42.1904)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.4869, 38.5912,
42.1904)**

Conversions

Conversions Part 1

Format	Color
Hex	98ABA7
RGB	152, 171, 167
RGB Percent	60%, 67%, 65%
CMY	0.4039, 0.3294, 0.3451
CMYK	0.11, 0.00, 0.02, 0.33
HSL	167°, 10%, 63%
HSV	167°, 11%, 67%
XYZ	34.4869, 38.5912, 42.1904
YIQ	164.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

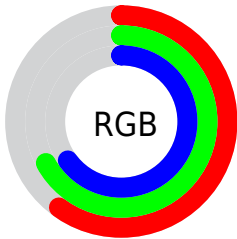
Format	Color
RYB	152, 163, 171
Decimal	10005415
CIELab	68.45, -7.40, -0.20
CIELCh	68, 7.407, 181.527
Yxy	38.5912, 0.2992, 0.3348
Android (android.graphics.Color)	4288195495 (0xFF98ABA7)
YUV	164.8630, 1.0535, -11.2809
Hunter-Lab	62.1218, -9.6190, 3.2181

Details

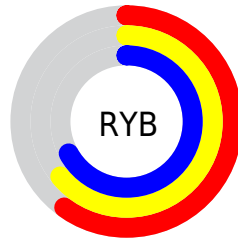
The XYZ color **34.4869, 38.5912, 42.1904** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0250, 33.5159, 36.1303**, and the grayscale version is **35.6980, 37.5571, 40.8996**.

A 20% lighter version of the original color is **65.8348, 72.7885, 79.6870**, and **15.0582, 17.1982, 18.7456** is the 20% darker color. If you saturate the color by 10%, you get **31.1861, 36.9286, 40.3225**, and if you desaturate by 10%, it is **38.2606, 40.4987, 44.1305**.

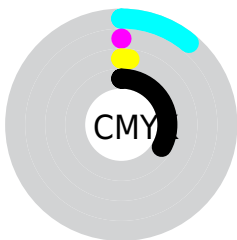
Distribution



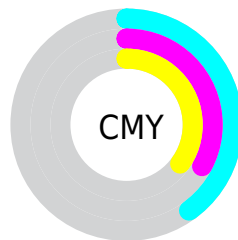
- Red (60%)
- Green (67%)
- Blue (65%)



- Red (60%)
- Yellow (64%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (33%)



- Cyan (40%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4869, 38.5912, 42.1904 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 34.4869, 38.5912, 42.1904 by changing the saturation by 10% instead.

■ 34.4869, 38.5912,
42.1904

■ 34.4869, 38.5912,
42.1904

313.8455,
340.1493, 371.0945

■ 23.4326, 26.4419,
28.9237

■ 66.0294, 73.0134,
79.7609

■ 15.0357, 17.1545,
18.7780

■ 87.2483, 96.0550,
104.9018

■ 8.9309, 10.3447,
11.3348

112.5860,
123.4962, 134.8379

■ 4.7529, 5.6281,
6.1755

142.4080,
155.7214, 169.9877

■ 2.1363, 2.6203,
2.8816

177.0796,
193.1149, 210.7697

■ 0.7088, 0.9369,
1.0345

216.9662,

■ 0.0000, 0.0000,

236.0611, 257.6025

0.0000

262.4330,
284.9444, 310.9046

■ 34.4869, 38.5912,
42.1904

■ 34.4869, 38.5912,
42.1904

■ 31.1861, 36.9286,
40.3225

■ 38.2606, 40.4987,
44.1305

■ 28.3353, 35.4958,
38.5228

■ 42.5225, 42.6557,
46.1414

■ 25.9143, 34.2836,
36.7909

■ 47.2913, 45.0729,
48.2253

■ 23.9003, 33.2801,
35.1254

■ 52.5835, 47.7588,
50.3832

■ 22.2684, 32.4725,
33.5245

■ 58.4151, 50.7218,
52.6163

■ 20.9905, 31.8465,
31.9866

■ 64.8013, 53.9695,
54.9256

■ 20.0352, 31.3857,
30.5099

■ 65.3418, 54.2025,
57.0120

■ 19.3648, 31.0708,
29.0921

■ 65.7465, 54.3643,
59.1431

■ 18.9357, 30.8760,
27.8777

■ 66.1610, 54.5302,
61.3260

Harmonies

Analogous

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



34.7467, 38.5912, 39.0359



34.4869, 38.5912, 42.1904



34.8043, 38.5912, 45.4621

Triad

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



34.4869, 38.5912, 42.1904



37.8630, 38.5912, 47.7252



37.7575, 38.5912, 36.6311

Complementary

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



34.4869, 38.5912, 42.1904



34.0250, 33.5159, 36.1303

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.



38.6215, 38.5912, 38.7548



34.4869, 38.5912, 42.1904



38.6833, 38.5912, 45.1508

Square

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



34.4869, 38.5912, 42.1904



36.7395, 38.5912, 48.7604



38.9637, 38.5912, 41.8486



36.6201, 38.5912, 35.9299

Rectangle

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



34.4869, 38.5912, 42.1904



35.3044, 38.5912, 47.2418



38.9637, 38.5912, 41.8486



38.0904, 38.5912, 37.1965

Sweetspot

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



34.4880, 38.5928, 42.1913



67.1407, 71.8305, 78.3477



33.9646, 38.4740, 35.3427



14.8489, 15.9560, 17.4097



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.



34.4880, 38.5928, 42.1913



60.4418, 68.4479, 74.8397



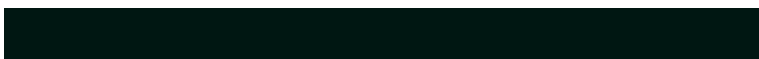
33.8675, 36.7504, 43.8384



8.1630, 9.0428, 9.8833



14.2937, 23.2828, 21.1181



0.4155, 0.6549, 0.6818

Inverse Universe

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



34.0250, 33.5159, 36.1303



59.4689, 57.7775, 62.1019



34.5853, 35.1701, 34.6722



8.0717, 8.0419, 8.6884



12.9172, 6.6294, 1.9433



0.3787, 0.1922, 0.1559

Previews

White Background



This preview shows how the XYZ color 34.4869, 38.5912, 42.1904 looks on a white background.

Color Contrast Check

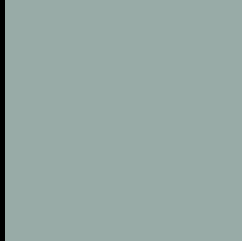
Large Text (above 18pt) WCAG AA × Fail

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 34.4869, 38.5912, 42.1904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

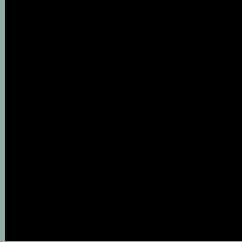
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

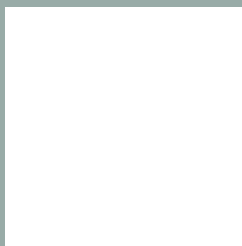
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4869, 38.5912, 42.1904

Background



This preview shows how black text looks on a background with the XYZ color 34.4869, 38.5912, 42.1904.

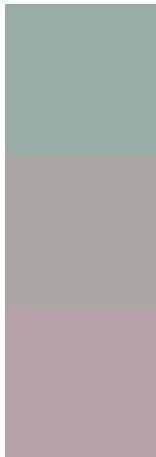


This preview shows how white text looks on a background with the XYZ color 34.4869, 38.5912,

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

34.4869, 38.5912, 42.1904

Protanopia

36.9146, 38.4988, 40.6074

Deuteranopia

39.1977, 38.2994, 42.8627



Tritanopia

36.1490, 38.7219, 49.8248

Trichromacy



Original Color

34.4869, 38.5912, 42.1904

Protanomaly

35.8984, 38.5084, 41.1381

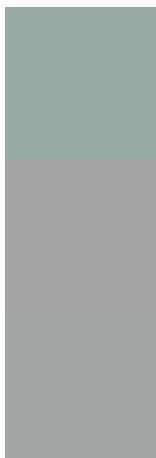
Deuteranomaly

37.3176, 38.3953, 42.4900

Tritanomaly

35.6370, 38.7938, 47.2047

Monochromacy



Original Color

34.4869, 38.5912, 42.1904

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.1989, 37.8642, 41.5297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4869, 38.5912, 42.1904 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(152, 171, 167)` looks like.

```
.text, #text, p{  
    color:rgb(152, 171, 167)  
}
```

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(152, 171, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 171, 167) }
```

Border

The CSS property to change the border of an element to XYZ 34.4869, 38.5912, 42.1904 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(152, 171, 167) }
```


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

```
.border{ border-color:rgb(152, 171, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 171, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 171, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 171, 167);  
box-shadow:4px 4px 4px 4px rgb(152, 171,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4869, 38.5912, 42.1904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 171, 167) }
```

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

```
.background{ background-color: rgb(152,  
171, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor