

Converting Colors

XYZ(34.8695, 38.6392, 38.2332)

Have a look what the booklet for
XYZ(34.8695, 38.6392, 38.2332)
contains.

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Color

**XYZ(34.9308, 38.6236,
38.4149)**

Conversions

Conversions Part 1

Format	Color
Hex	9FAA9F
RGB	159, 170, 159
RGB Percent	62%, 67%, 62%
CMY	0.3765, 0.3333, 0.3765
CMYK	0.06, 0.00, 0.06, 0.33
HSL	120°, 6%, 65%
HSV	120°, 6%, 67%
XYZ	34.9308, 38.6236, 38.4149
YIQ	165.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

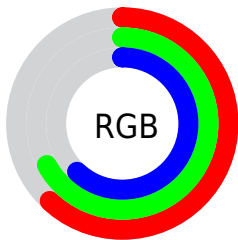
Format	Color
RYB	159, 170, 170
Decimal	10463903
CIELab	68.48, -5.98, 4.33
CIElCh	68, 7.384, 144.107
Yxy	38.6236, 0.3120, 0.3449
Android (android.graphics.Color)	4288653983 (0xFF9FAA9F)
YUV	165.4570, -3.1833, -5.6628
Hunter-Lab	62.1479, -8.4312, 6.8551

Details

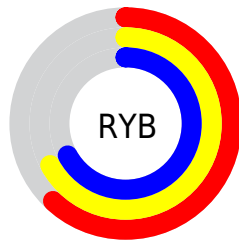
The XYZ color **34.9308, 38.6236, 38.4149** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2328, 36.2455, 43.1185**, and the grayscale version is **36.0005, 37.8753, 41.2462**.

A 20% lighter version of the original color is **66.7944, 73.0016, 74.1886**, and **15.3695, 17.2277, 16.7026** is the 20% darker color. If you saturate the color by 10%, you get **30.4135, 36.4548, 31.0251**, and if you desaturate by 10%, it is **40.1169, 41.1159, 46.8967**.

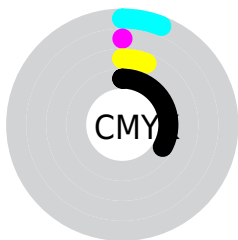
Distribution



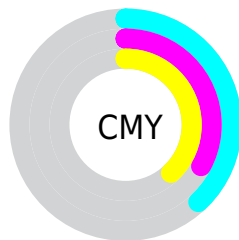
- Red (62%)
- Green (67%)
- Blue (62%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9308, 38.6236, 38.4149 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 34.9308, 38.6236, 38.4149 by changing the saturation by 10% instead.

■ 34.9308, 38.6236,
38.4149

■ 34.9308, 38.6236,
38.4149

315.7762,
340.2875, 354.7479

■ 23.7758, 26.4670,
26.0005

■ 66.7133, 73.0630,
73.9541

■ 15.2913, 17.1734,
16.5983

■ 88.0715, 96.1145,
97.9160

■ 9.1117, 10.3582,
9.7896

113.5615,
123.5666, 126.5642

■ 4.8718, 5.6371,
5.1559

143.5487,
155.8035, 160.3171

■ 2.2062, 2.6257,
2.2787

178.3984,
193.2096, 199.5935

■ 0.7460, 0.9396,
0.7192

218.4760,

■ 0.0000, 0.0000,

236.1694, 244.8116

0.0000

264.1468,
285.0673, 296.3903

■ 34.9308, 38.6236,
38.4149

■ 34.9308, 38.6236,
38.4149

■ 30.4135, 36.4548,
31.0251

■ 40.1169, 41.1159,
46.8967

■ 26.5347, 34.5917,
24.6807

■ 45.9941, 43.9390,
56.5098

■ 23.2666, 33.0218,
19.3352

■ 52.5875, 47.1062,
67.2945

■ 20.5782, 31.7304,
14.9377

■ 59.9202, 50.6284,
79.2883

■ 18.4355, 30.7012,
11.4330

■ 68.0142, 54.5164,
92.5273

■ 16.8013, 29.9162,
8.7599

■ 73.6655, 57.2310,
101.7718

■ 15.6335, 29.3553,
6.8497

■ 14.8834, 28.9950,
5.6228

■ 14.4834, 28.8028,
4.9685

Harmonies

Analogous

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



35.8059, 38.6236, 36.4821



34.9308, 38.6236, 38.4149



34.5335, 38.6236, 41.4013

Triad

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



34.9308, 38.6236, 38.4149



36.4818, 38.6236, 48.7434



38.7872, 38.6236, 39.4957

Complementary

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



34.9308, 38.6236, 38.4149



36.2328, 36.2455, 43.1185

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.



38.9773, 38.6236, 42.7146



34.9308, 38.6236, 38.4149



37.6304, 38.6236, 48.1674

Square

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



34.9308, 38.6236, 38.4149



35.4167, 38.6236, 47.4521



38.5498, 38.6236, 45.9171



38.0356, 38.6236, 37.0826

Rectangle

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



34.9308, 38.6236, 38.4149



34.5868, 38.6236, 43.6329



38.5498, 38.6236, 45.9171



38.9195, 38.6236, 40.5147

Sweetspot

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



34.9319, 38.6253, 38.4157



67.3978, 72.0093, 76.2746



37.2120, 39.8007, 38.5224



15.0533, 16.0695, 17.0476



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.



34.9319, 38.6253, 38.4157



61.9226, 69.3792, 67.3190



35.4201, 38.8205, 40.9866



7.4368, 8.4078, 8.0202



10.5742, 21.1485, 3.5248



0.2573, 0.5145, 0.0858

Inverse Universe

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



36.2328, 36.2455, 43.1185



64.8601, 64.0060, 77.9376



35.7231, 36.0416, 40.4343



7.8419, 7.6666, 9.4848



17.5318, 8.4214, 28.6758



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 34.9308, 38.6236, 38.4149 looks on a white background.

Color Contrast Check

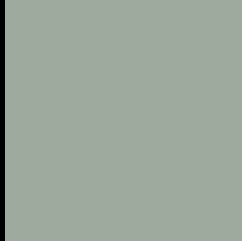
Large Text (above 18pt) WCAG AA × Fail

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 34.9308, 38.6236, 38.4149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

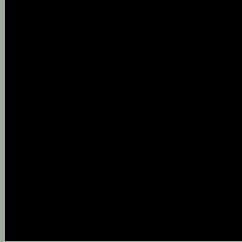
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

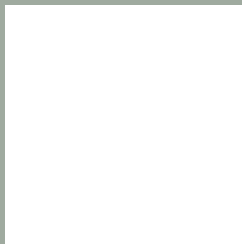
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9308, 38.6236, 38.4149

Background



This preview shows how black text looks on a background with the XYZ color 34.9308, 38.6236, 38.4149.



This preview shows how white text looks on a background with the XYZ color 34.9308, 38.6236,

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

34.9308, 38.6236, 38.4149

Protanopia

36.7353, 38.4774, 37.3890

Deuteranopia

39.1855, 38.3772, 39.0605



Tritanopia

36.9572, 38.6141, 48.6854

Trichromacy



Original Color

34.9308, 38.6236, 38.4149

Protanomaly

35.9266, 38.3215, 37.8510

Deuteranomaly

37.5251, 38.3191, 38.6762

Tritanomaly

36.1470, 38.5609, 44.5676

Monochromacy



Original Color

34.9308, 38.6236, 38.4149

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.5338, 38.0683, 40.1254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9308, 38.6236, 38.4149 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(159, 170, 159) looks like.

```
.text, #text, p{  
    color:rgb(159, 170, 159)  
}
```

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(159, 170, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 170, 159) }
```

Border

The CSS property to change the border of an element to XYZ 34.9308, 38.6236, 38.4149 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(159, 170, 159) }
```


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

```
.border{ border-color:rgb(159, 170, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 170, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 170, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 170, 159);  
box-shadow:4px 4px 4px 4px rgb(159, 170,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9308, 38.6236, 38.4149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 170, 159) }
```

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

```
.background{ background-color: rgb(159,  
170, 159) }
```

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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