

Converting Colors

XYZ(34.7129, 38.6597, 39.7256)

Have a look what the booklet for
XYZ(34.7129, 38.6597, 39.7256)
contains.

XYZ(34.7948, 38.8024, 39.8381)	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(34.7948, 38.8024,
39.8381)**

Conversions

Conversions Part 1

Format	Color
Hex	9CABA2
RGB	156, 171, 162
RGB Percent	61%, 67%, 64%
CMY	0.3882, 0.3294, 0.3647
CMYK	0.09, 0.00, 0.05, 0.33
HSL	144°, 8%, 64%
HSV	144°, 9%, 67%
XYZ	34.7948, 38.8024, 39.8381
YIQ	165.4890, -6.0510, -5.9790

Conversions

Conversions Part 2

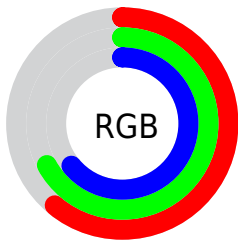
Format	Color
RYB	156, 167, 171
Decimal	10267554
CIELab	68.61, -7.01, 2.83
CIElCh	69, 7.558, 158.015
Yxy	38.8024, 0.3067, 0.3421
Android (android.graphics.Color)	4288457634 (0xFF9CABA2)
YUV	165.4890, -1.7201, -8.3219
Hunter-Lab	62.2916, -9.3038, 5.6856

Details

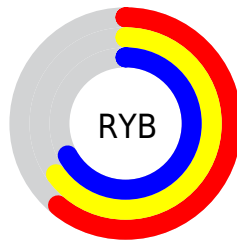
The XYZ color **34.7948, 38.8024, 39.8381** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4760, 35.1525, 40.5145**, and the grayscale version is **36.0101, 37.8854, 41.2572**.

A 20% lighter version of the original color is **66.5847, 73.2514, 76.2752**, and **15.2370, 17.3227, 17.2924** is the 20% darker color. If you saturate the color by 10%, you get **30.8408, 36.8662, 35.0845**, and if you desaturate by 10%, it is **39.2914, 41.0118, 45.0073**.

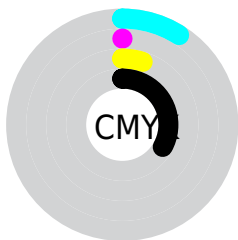
Distribution



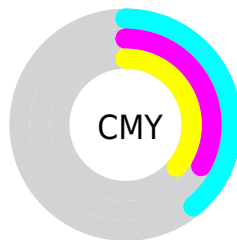
- Red (61%)
- Green (67%)
- Blue (64%)



- Red (61%)
- Yellow (65%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)



- Cyan (39%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7948, 38.8024, 39.8381 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 34.7948, 38.8024, 39.8381 by changing the saturation by 10% instead.

■ 34.7948, 38.8024,
39.8381

■ 34.7948, 38.8024,
39.8381

315.1856,
341.0496, 360.9725

■ 23.6706, 26.6060,
27.0995

■ 66.5039, 73.3364,
76.1513

■ 15.2129, 17.2776,
17.4149

■ 87.8195, 96.4427,
100.5630

■ 9.0562, 10.4326,
10.3656

113.2630,
123.9546, 129.7028

■ 4.8353, 5.6867,
5.5333

143.1996,
156.2563, 163.9893

■ 2.1847, 2.6555,
2.4993

177.9949,
193.7323, 203.8409

■ 0.7347, 0.9547,
0.8398

218.0140,

■ 0.0000, 0.0000,

236.7669, 249.6763

0.0000

263.6225,
285.7446, 301.9140

■ 34.7948, 38.8024,
39.8381

■ 34.7948, 38.8024,
39.8381

■ 30.8408, 36.8662,
35.0845

■ 39.2914, 41.0118,
45.0073

■ 27.4048, 35.1877,
30.7337

■ 44.3472, 43.4996,
50.5995

■ 24.4656, 33.7570,
26.7760

■ 49.9821, 46.2770,
56.6249

■ 21.9988, 32.5619,
23.2003

■ 56.2143, 49.3531,
63.0928

■ 19.9780, 31.5890,
19.9949

■ 63.0608, 52.7366,
70.0121

■ 18.3741, 30.8236,
17.1476

■ 69.2000, 55.7459,
77.3287

■ 17.1544, 30.2489,
14.6454

■ 70.6308, 56.3182,
84.8632

■ 16.2807, 29.8456,
12.4745

■ 72.1470, 56.9247,
92.8474

■ 15.6843, 29.5786,
10.6187

■ 73.7500, 57.5659,
101.2886

Harmonies

Analogous

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



35.4862, 38.8024, 37.2836



34.7948, 38.8024, 39.8381



34.6561, 38.8024, 43.1715

Triad

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



34.7948, 38.8024, 39.8381



37.2012, 38.8024, 49.0916



38.7168, 38.8024, 38.3324

Complementary

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



34.7948, 38.8024, 39.8381



35.4760, 35.1525, 40.5145

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.



39.1981, 38.8024, 41.3401



34.7948, 38.8024, 39.8381



38.3108, 38.8024, 47.6372

Square

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



34.7948, 38.8024, 39.8381



36.0287, 38.8024, 48.6361



39.0480, 38.8024, 44.7557



37.7456, 38.8024, 36.4475

Rectangle

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



34.7948, 38.8024, 39.8381



34.8930, 38.8024, 45.4095



39.0480, 38.8024, 44.7557



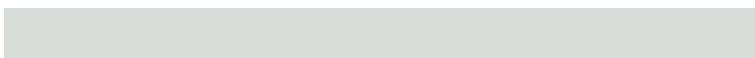
38.9422, 38.8024, 39.2390

Sweetspot

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



34.7959, 38.8040, 39.8390



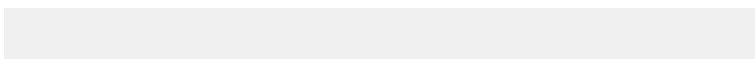
66.7990, 71.6939, 76.5487



36.1342, 39.5542, 37.1832



14.7533, 15.9177, 16.9063



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.



34.7959, 38.8040, 39.8390



60.5122, 68.6087, 69.2171



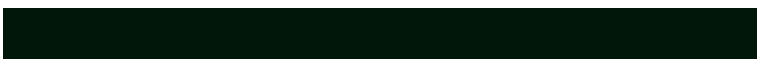
35.4595, 39.0695, 43.3334



8.0322, 8.9905, 9.1947



11.7984, 22.2846, 7.9779



0.3557, 0.6309, 0.3666

Inverse Universe

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



35.4760, 35.1525, 40.5145



62.0411, 60.3995, 70.7356



34.8343, 34.8958, 37.1353



8.1994, 8.0930, 9.3607



14.5181, 7.2698, 10.3738



0.4299, 0.2127, 0.4258

Previews

White Background



This preview shows how the XYZ color 34.7948, 38.8024, 39.8381 looks on a white background.

Color Contrast Check

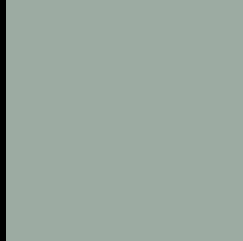
Large Text (above 18pt) WCAG AA × Fail

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 34.7948, 38.8024, 39.8381 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

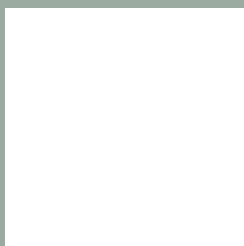
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7948, 38.8024, 39.8381

Background



This preview shows how black text looks on a background with the XYZ color 34.7948, 38.8024, 39.8381.



This preview shows how white text looks on a background with the XYZ color 34.7948, 38.8024,

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

34.7948, 38.8024, 39.8381

Protanopia

36.9075, 38.5463, 38.2958

Deuteranopia

39.3883, 38.7113, 40.5180



Tritanopia

36.6412, 38.7124, 49.2571

Trichromacy



Original Color

34.7948, 38.8024, 39.8381

Protanomaly

36.0737, 38.6503, 38.8167

Deuteranomaly

37.5216, 38.5533, 40.1143

Tritanomaly

35.9285, 38.7010, 45.6208

Monochromacy



Original Color

34.7948, 38.8024, 39.8381

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.4198, 37.9992, 40.5897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7948, 38.8024, 39.8381 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(156, 171, 162)` looks like.

```
.text, #text, p{  
    color:rgb(156, 171, 162)  
}
```

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(156, 171, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 171, 162) }
```

Border

The CSS property to change the border of an element to XYZ 34.7948, 38.8024, 39.8381 is called "border". The border property can be set on classes, ids or directly on the HTML element.

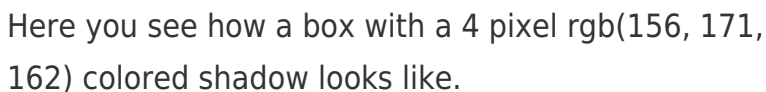
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 171, 162) }
```


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

```
.border{ border-color:rgb(156, 171, 162) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 171, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 171, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 171, 162); box-shadow:4px 4px 4px 4px rgb(156, 171, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7948, 38.8024, 39.8381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 171, 162) }
```

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

```
.background{ background-color: rgb(156,  
171, 162) }
```

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