

Converting Colors

XYZ(35.0570, 38.9782, 38.3895)

Have a look what the booklet for
XYZ(35.0570, 38.9782, 38.3895)
contains.

XYZ(35.1190, 39.0000, 38.4777)	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(35.1190, 39.0000,
38.4777)**

Conversions

Conversions Part 1

Format	Color
Hex	9FAB9F
RGB	159, 171, 159
RGB Percent	62%, 67%, 62%
CMY	0.3765, 0.3294, 0.3765
CMYK	0.07, 0.00, 0.07, 0.33
HSL	120°, 7%, 65%
HSV	120°, 7%, 67%
XYZ	35.1190, 39.0000, 38.4777
YIQ	166.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

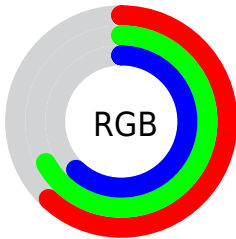
Format	Color
RYB	159, 171, 171
Decimal	10464159
CIELab	68.75, -6.52, 4.72
CIELCh	69, 8.051, 144.072
Yxy	39.0000, 0.3119, 0.3464
Android (android.graphics.Color)	4288654239 (0xFF9FAB9F)
YUV	166.0440, -3.4727, -6.1776
Hunter-Lab	62.4500, -8.9073, 7.1843

Details

The XYZ color **35.1190, 39.0000, 38.4777** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5448, 36.3954, 43.6288**, and the grayscale version is **36.2851, 38.1748, 41.5723**.

A 20% lighter version of the original color is **67.0655, 73.5439, 74.2790**, and **15.4879, 17.4645, 16.7420** is the 20% darker color. If you saturate the color by 10%, you get **30.5771, 36.8194, 31.0477**, and if you desaturate by 10%, it is **40.3376, 41.5079, 47.0126**.

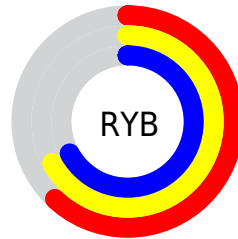
Distribution



Red (62%)

Green (67%)

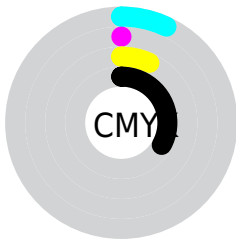
Blue (62%)



Red (62%)

Yellow (67%)

Blue (67%)

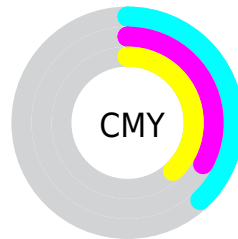


Cyan (7%)

Magenta (0%)

Yellow (7%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1190, 39.0000, 38.4777 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 35.1190, 39.0000, 38.4777 by changing the saturation by 10% instead.

■ 35.1190, 39.0000,
38.4777

■ 35.1190, 39.0000,
38.4777

316.5921,
341.8905, 355.0242

■ 23.9215, 26.7597,
26.0490

■ 67.0029, 73.6383,
74.0513

■ 15.3998, 17.3929,
16.6342

■ 88.4200, 96.8052,
98.0332

■ 9.1886, 10.5150,
9.8148

113.9743,
124.3830, 126.7032

■ 4.9225, 5.7417,
5.1724

144.0313,
156.7562, 160.4799

■ 2.2362, 2.6887,
2.2882

178.9561,
194.3091, 199.7818

■ 0.7617, 0.9714,
0.7246

219.1143,

■ 0.0000, 0.0000,

237.4262, 245.0275

0.0000

264.8712,
286.4919, 296.6354

■ 35.1190, 39.0000,
38.4777

■ 35.1190, 39.0000,
38.4777

■ 30.5771, 36.8194,
31.0477

■ 40.3376, 41.5079,
47.0126

■ 26.6810, 34.9479,
24.6751

■ 46.2556, 44.3506,
56.6923

■ 23.4025, 33.3731,
19.3125

■ 52.8985, 47.5416,
67.5578

■ 20.7099, 32.0797,
14.9083

■ 60.2899, 51.0920,
79.6474

■ 18.5686, 31.0512,
11.4058

■ 68.4520, 55.0127,
92.9975

■ 16.9406, 30.2692,
8.7429

■ 73.8537, 57.6074,
101.8346

■ 15.7830, 29.7131,
6.8492

■ 15.0457, 29.3589,
5.6432

■ 14.6555, 29.1715,
5.0048

Harmonies

Analogous

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



36.0776, 39.0000, 36.3729



35.1190, 39.0000, 38.4777



34.6837, 39.0000, 41.7436

Triad

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



35.1190, 39.0000, 38.4777



36.8158, 39.0000, 49.8352



39.3513, 39.0000, 39.6653

Complementary

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



35.1190, 39.0000, 38.4777



36.5448, 36.3954, 43.6288

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.



39.5598, 39.0000, 43.1933



35.1190, 39.0000, 38.4777



38.0770, 39.0000, 49.2005

Square

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



35.1190, 39.0000, 38.4777



35.6488, 39.0000, 48.4053



39.0885, 39.0000, 46.7173



38.5250, 39.0000, 37.0306

Rectangle

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



35.1190, 39.0000, 38.4777



34.7416, 39.0000, 44.1940



39.0885, 39.0000, 46.7173



39.4967, 39.0000, 40.7805

Sweetspot

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



35.1201, 39.0017, 38.4786



67.3979, 72.0093, 76.2747



37.6173, 40.2890, 38.5952



15.0533, 16.0695, 17.0477



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.



35.1201, 39.0017, 38.4786



61.9227, 69.3793, 67.3192



35.6537, 39.2151, 41.2887



7.9045, 8.9394, 8.5223



10.9783, 21.9566, 3.6596



0.3054, 0.6108, 0.1018

Inverse Universe

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



36.5448, 36.3954, 43.6288



64.8600, 64.0060, 77.9373



35.9856, 36.1717, 40.6837



8.3371, 8.1481, 10.0860



18.2016, 8.7432, 29.7705



0.5064, 0.2432, 0.8282

Previews

White Background



This preview shows how the XYZ color 35.1190, 39.0000, 38.4777 looks on a white background.

Color Contrast Check

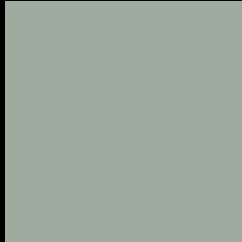
Large Text (above 18pt) WCAG AA × Fail

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 35.1190, 39.0000, 38.4777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

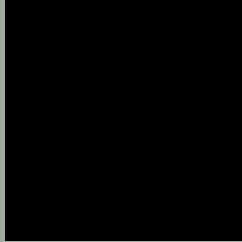
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

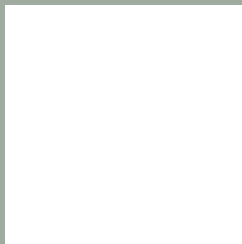
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1190, 39.0000, 38.4777

Background



This preview shows how black text looks on a background with the XYZ color 35.1190, 39.0000, 38.4777.



This preview shows how white text looks on a background with the XYZ color 35.1190, 39.0000,

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

35.1190, 39.0000, 38.4777

Protanopia

37.1381, 38.9560, 37.4602

Deuteranopia

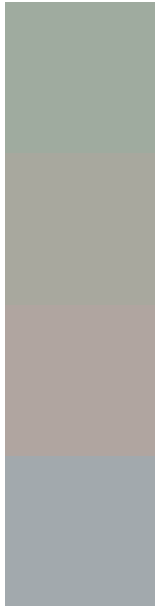
39.6031, 38.8530, 39.1303



Tritanopia

37.4474, 39.1280, 49.2948

Trichromacy



Original Color

35.1190, 39.0000, 38.4777

Protanomaly

36.3226, 38.7987, 37.9222

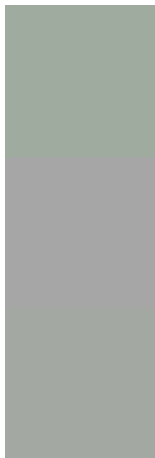
Deuteranomaly

37.7048, 38.6784, 38.7361

Tritanomaly

36.6311, 39.0744, 45.1466

Monochromacy



Original Color

35.1190, 39.0000, 38.4777

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.7177, 38.4361, 40.1867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1190, 39.0000, 38.4777 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, 171, 159)` looks like.

```
.text, #text, p{  
    color:rgb(159, 171, 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, 171, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 171, 159) }
```

Border

The CSS property to change the border of an element to XYZ 35.1190, 39.0000, 38.4777 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, 171, 159) }
```


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

```
.border{ border-color:rgb(159, 171, 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, 171, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 171, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 171, 159);  
box-shadow:4px 4px 4px 4px rgb(159, 171,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1190, 39.0000, 38.4777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 171, 159) }
```

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

```
.background{ background-color: rgb(159,  
171, 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](#).

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