

Converting Colors

XYZ(35.4917, 39.4945, 38.6634)

Have a look what the booklet for
XYZ(35.4917, 39.4945, 38.6634)
contains.

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Color

**XYZ(35.5077, 39.4818,
38.5502)**

Conversions

Conversions Part 1

Format	Color
Hex	A0AC9F
RGB	160, 172, 159
RGB Percent	63%, 67%, 62%
CMY	0.3725, 0.3255, 0.3765
CMYK	0.07, 0.00, 0.08, 0.33
HSL	115°, 7%, 65%
HSV	115°, 8%, 67%
XYZ	35.5077, 39.4818, 38.5502
YIQ	166.9300, -2.9790, -6.5870

Conversions

Conversions Part 2

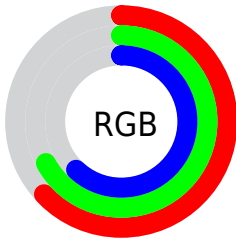
Format	Color
RYB	159, 172, 171
Decimal	10529951
CIELab	69.10, -6.70, 5.23
CIElCh	69, 8.501, 141.995
Yxy	39.4818, 0.3127, 0.3477
Android (android.graphics.Color)	4288720031 (0xFFA0AC9F)
YUV	166.9300, -3.9095, -6.0776
Hunter-Lab	62.8345, -9.0904, 7.6086

Details

The XYZ color **35.5077, 39.4818, 38.5502** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6407, 36.4339, 44.1330**, and the grayscale version is **36.7169, 38.6290, 42.0670**.

A 20% lighter version of the original color is **67.6310, 74.2403, 74.3836**, and **15.7299, 17.7669, 16.7876** is the 20% darker color. If you saturate the color by 10%, you get **31.1439, 37.3939, 31.0892**, and if you desaturate by 10%, it is **40.4869, 41.8652, 47.1259**.

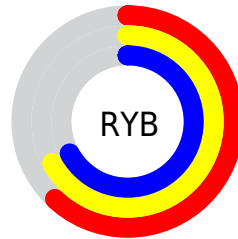
Distribution



Red (63%)

Green (67%)

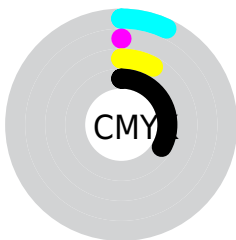
Blue (62%)



Red (62%)

Yellow (67%)

Blue (67%)

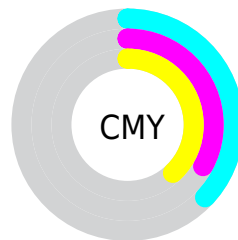


Cyan (7%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (37%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5077, 39.4818, 38.5502 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 35.5077, 39.4818, 38.5502 by changing the saturation by 10% instead.

■ 35.5077, 39.4818,
38.5502

■ 35.5077, 39.4818,
38.5502

318.2725,
343.9346, 355.3430

■ 24.2226, 27.1347,
26.1049

■ 67.6004, 74.3738,
74.1634

■ 15.6244, 17.6744,
16.6756

■ 89.1387, 97.6875,
98.1684

■ 9.3479, 10.7165,
9.8440

114.8253,
125.4255, 126.8636

■ 5.0277, 5.8765,
5.1914

145.0258,
157.9723, 160.6677

■ 2.2985, 2.7702,
2.2993

180.1054,
195.7122, 199.9991

■ 0.7939, 1.0129,
0.7308

220.4295,

■ 0.0000, 0.0000,

239.0296, 245.2765

0.0000

266.3634,
288.3089, 296.9183

■ 35.5077, 39.4818,
38.5502

■ 35.5077, 39.4818,
38.5502

■ 31.1439, 37.3939,
31.0892

■ 40.4869, 41.8652,
47.1259

■ 27.3684, 35.5852,
24.6947

■ 46.1006, 44.5496,
56.8568

■ 24.1571, 34.0454,
19.3188

■ 52.3714, 47.5469,
67.7843

■ 21.4827, 32.7615,
14.9088

■ 59.3194, 50.8667,
79.9472

■ 19.3159, 31.7198,
11.4077

■ 66.9642, 54.5183,
93.3826

■ 17.6245, 30.9048,
8.7520

■ 74.0433, 57.9866,
101.8978

■ 16.3725, 30.2997,
6.8703

■ 15.5188, 29.8851,
5.6795

■ 15.0092, 29.6358,
5.0498

Harmonies

Analogous

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



36.5575, 39.4818, 36.4260



35.5077, 39.4818, 38.5502



35.0014, 39.4818, 41.9567

Triad

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



35.5077, 39.4818, 38.5502



37.1641, 39.4818, 50.8212



39.9979, 39.4818, 40.2507

Complementary

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



35.5077, 39.4818, 38.5502



36.6407, 36.4339, 44.1330

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.



40.1697, 39.4818, 44.0380



35.5077, 39.4818, 38.5502



38.5120, 39.4818, 50.2963

Square

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



35.5077, 39.4818, 38.5502



35.9426, 39.4818, 49.1498



39.6199, 39.4818, 47.7560



39.1558, 39.4818, 37.3658

Rectangle

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



35.5077, 39.4818, 38.5502



35.0315, 39.4818, 44.5607



39.6199, 39.4818, 47.7560



40.1367, 39.4818, 41.4546

Sweetspot

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



35.5088, 39.4835, 38.5511



69.2630, 73.9450, 78.2713



37.8201, 40.3701, 38.6004



15.0747, 16.0806, 17.0486



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.



35.5088, 39.4835, 38.5511



63.0729, 70.9830, 67.6319



35.7904, 39.5731, 41.0728



7.9594, 8.9677, 8.5248



11.1239, 22.0317, 3.6662



0.3275, 0.6222, 0.1028

Inverse Universe

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



36.6407, 36.4339, 44.1330



65.5347, 64.3501, 79.7725



36.3493, 36.3426, 41.4580



8.2754, 8.1163, 10.0831



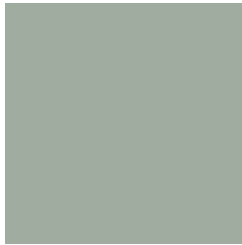
16.1695, 7.6956, 29.6777



0.4674, 0.2231, 0.8264

Previews

White Background



This preview shows how the XYZ color 35.5077, 39.4818, 38.5502 looks on a white background.

Color Contrast Check

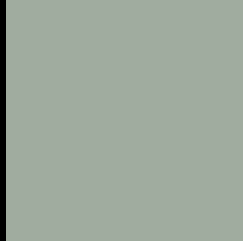
Large Text (above 18pt) WCAG AA × Fail

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 35.5077, 39.4818, 38.5502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

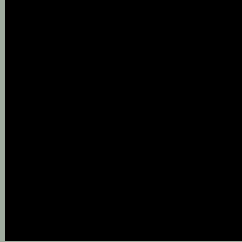
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

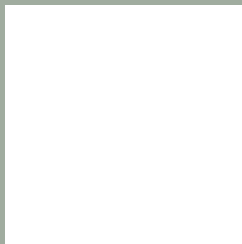
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5077, 39.4818, 38.5502

Background



This preview shows how black text looks on a background with the XYZ color 35.5077, 39.4818, 38.5502.



This preview shows how white text looks on a background with the XYZ color 35.5077, 39.4818,

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

35.5077, 39.4818, 38.5502

Protanopia

37.5440, 39.4383, 37.5319

Deuteranopia

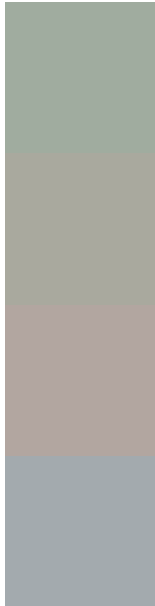
40.2693, 39.4590, 39.2121



Tritanopia

37.9413, 39.6458, 49.9087

Trichromacy



Original Color

35.5077, 39.4818, 38.5502

Protanomaly

36.7217, 39.2796, 37.9940

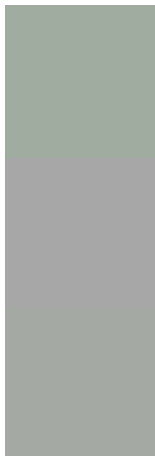
Deuteranomaly

38.3415, 39.2755, 38.8178

Tritanomaly

37.1190, 39.5920, 45.7300

Monochromacy



Original Color

35.5077, 39.4818, 38.5502

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.1986, 38.9488, 40.7320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5077, 39.4818, 38.5502 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(160, 172, 159)` looks like.

```
.text, #text, p{  
    color:rgb(160, 172, 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(160, 172, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 172, 159) }
```

Border

The CSS property to change the border of an element to XYZ 35.5077, 39.4818, 38.5502 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(160, 172, 159) }
```


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

```
.border{ border-color:rgb(160, 172, 159) }
```

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

Here you see how a box with a 4 pixel rgb(160, 172, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 172, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 172, 159);  
box-shadow:4px 4px 4px 4px rgb(160, 172,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5077, 39.4818, 38.5502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 172, 159) }
```

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

```
.background{ background-color: rgb(160,  
172, 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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