

Converting Colors

XYZ(35.2669, 39.6186, 39.0984)

Have a look what the booklet for
XYZ(35.2669, 39.6186, 39.0984)
contains.

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Color

**XYZ(35.1934, 39.5933,
39.0451)**

Conversions

Conversions Part 1

Format	Color
Hex	9DADA0
RGB	157, 173, 160
RGB Percent	62%, 68%, 63%
CMY	0.3843, 0.3216, 0.3725
CMYK	0.09, 0.00, 0.08, 0.32
HSL	131°, 9%, 65%
HSV	131°, 9%, 68%
XYZ	35.1934, 39.5933, 39.0451
YIQ	166.7340, -5.3630, -7.4350

Conversions

Conversions Part 2

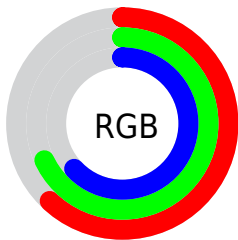
Format	Color
RYB	157, 170, 173
Decimal	10333600
CIELab	69.18, -8.11, 4.77
CIElCh	69, 9.408, 149.538
Yxy	39.5933, 0.3092, 0.3478
Android (android.graphics.Color)	4288523680 (0xFF9DADA0)
YUV	166.7340, -3.3199, -8.5367
Hunter-Lab	62.9232, -10.2793, 7.2556

Details

The XYZ color **35.1934, 39.5933, 39.0451** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5477, 35.9015, 43.0356**, and the grayscale version is **36.6196, 38.5267, 41.9556**.

A 20% lighter version of the original color is **67.1605, 74.3902, 75.1090**, and **15.5415, 17.8430, 17.0929** is the 20% darker color. If you saturate the color by 10%, you get **30.8932, 37.5117, 32.7836**, and if you desaturate by 10%, it is **40.1129, 41.9803, 46.0631**.

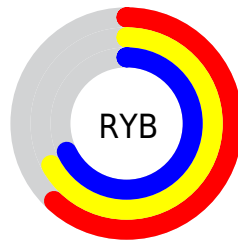
Distribution



Red (62%)

Green (68%)

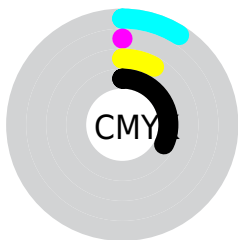
Blue (63%)



Red (62%)

Yellow (67%)

Blue (68%)

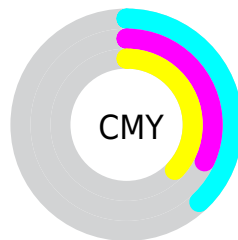


Cyan (9%)

Magenta (0%)

Yellow (8%)

Black (32%)



Cyan (38%)

Magenta (32%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1934, 39.5933, 39.0451 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 35.1934, 39.5933, 39.0451 by changing the saturation by 10% instead.

■ 35.1934, 39.5933,
39.0451

■ 35.1934, 39.5933,
39.0451

316.9142,
344.4064, 357.5139

■ 23.9791, 27.2216,
26.4867

■ 67.1173, 74.5438,
74.9283

■ 15.4428, 17.7397,
16.9591

■ 88.5576, 97.8914,
99.0902

■ 9.2191, 10.7633,
10.0437

114.1374,
125.6664, 127.9570

■ 4.9426, 5.9079,
5.3219

144.2218,
158.2532, 161.9473

■ 2.2480, 2.7891,
2.3753

179.1764,
196.0362, 201.4796

■ 0.7679, 1.0227,
0.7730

219.3664,

■ 0.0000, 0.0000,

239.3998, 246.9724

0.0000

265.1572,
288.7284, 298.8444

■ 35.1934, 39.5933,
39.0451

■ 35.1934, 39.5933,
39.0451

■ 30.8932, 37.5117,
32.7836

■ 40.1129, 41.9803,
46.0631

■ 27.1843, 35.7184,
27.2509

■ 45.6715, 44.6791,
53.8591

■ 24.0417, 34.2019,
22.4211

■ 51.8924, 47.7022,
62.4568

■ 21.4371, 32.9485,
18.2661

■ 58.7965, 51.0600,
71.8783

■ 19.3397, 31.9427,
14.7558

■ 66.4037, 54.7623,
82.1448

■ 17.7157, 31.1680,
11.8577

■ 72.5658, 57.7012,
93.1750

■ 16.5269, 30.6053,
9.5366

■ 74.2343, 58.3686,
101.9614

■ 15.7292, 30.2327,
7.7537

■ 15.2420, 30.0096,
6.4640

Harmonies

Analogous

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



36.2240, 39.5933, 36.2965



35.1934, 39.5933, 39.0451



34.8130, 39.5933, 43.0435

Triad

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



35.1934, 39.5933, 39.0451



37.6089, 39.5933, 51.9370



40.2056, 39.5933, 39.1536

Complementary

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



35.1934, 39.5933, 39.0451



36.5477, 35.9015, 43.0356

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.



40.5997, 39.5933, 43.1773



35.1934, 39.5933, 39.0451



39.0765, 39.5933, 50.7277

Square

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



35.1934, 39.5933, 39.0451



36.1846, 39.5933, 50.6532



40.1812, 39.5933, 47.4485



39.1180, 39.5933, 36.3562

Rectangle

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



35.1934, 39.5933, 39.0451



34.9713, 39.5933, 45.9408



40.1812, 39.5933, 47.4485



40.4249, 39.5933, 40.3986

Sweetspot

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



35.1945, 39.5950, 39.0460



68.3545, 73.4917, 77.5522



37.6230, 40.8769, 37.8060



14.7020, 15.8972, 16.6358



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.



35.1945, 39.5950, 39.0460



61.4473, 70.1430, 67.6433



35.9112, 39.8817, 42.8200



7.9636, 8.9630, 8.8331



11.1904, 22.0414, 4.7761



0.3290, 0.6202, 0.2259

Inverse Universe

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



36.5477, 35.9015, 43.0356



64.3413, 62.2437, 76.1754



35.8194, 35.6102, 39.2001



8.2717, 8.1219, 9.7416



16.1887, 7.9380, 19.1712



0.4668, 0.2274, 0.6197

Previews

White Background



This preview shows how the XYZ color 35.1934, 39.5933, 39.0451 looks on a white background.

Color Contrast Check

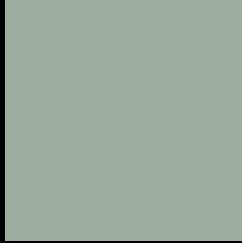
Large Text (above 18pt) WCAG AA × Fail

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 35.1934, 39.5933, 39.0451 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

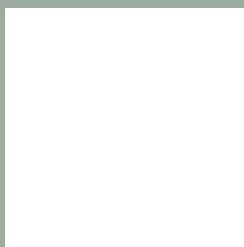
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1934, 39.5933, 39.0451

Background



This preview shows how black text looks on a background with the XYZ color 35.1934, 39.5933, 39.0451.



This preview shows how white text looks on a background with the XYZ color 35.1934, 39.5933,

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

35.1934, 39.5933, 39.0451

Protanopia

37.5440, 39.4383, 37.5319

Deuteranopia

40.1123, 39.3678, 39.6670



Tritanopia

37.6199, 39.7454, 50.4886

Trichromacy



Original Color

35.1934, 39.5933, 39.0451

Protanomaly

36.6947, 39.5429, 38.0463

Deuteranomaly

38.1562, 39.4407, 39.3200

Tritanomaly

36.7980, 39.6945, 46.2798

Monochromacy



Original Color

35.1934, 39.5933, 39.0451

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.9931, 38.8428, 40.7223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1934, 39.5933, 39.0451 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(157, 173, 160)` looks like.

```
.text, #text, p{  
    color:rgb(157, 173, 160)  
}
```

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(157, 173, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 173, 160) }
```

Border

The CSS property to change the border of an element to XYZ 35.1934, 39.5933, 39.0451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

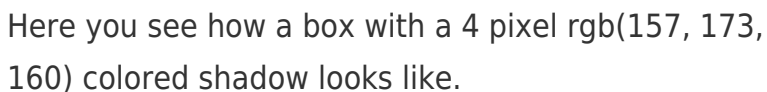
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 173, 160) }
```


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

```
.border{ border-color:rgb(157, 173, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 173, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 173, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 173, 160); box-shadow:4px 4px 4px 4px rgb(157, 173, 160) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1934, 39.5933, 39.0451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 173, 160) }
```

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

```
.background{ background-color: rgb(157,  
173, 160) }
```

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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