

Converting Colors

XYZ(35.2078, 33.4052, 38.1283)

Have a look what the booklet for
XYZ(35.2078, 33.4052, 38.1283)
contains.

XYZ(35.3119, 33.4152, 38.3069)	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(35.3119, 33.4152,
38.3069)**

Conversions

Conversions Part 1

Format	Color
Hex	B195A1
RGB	177, 149, 161
RGB Percent	69%, 58%, 63%
CMY	0.3059, 0.4157, 0.3686
CMYK	0.00, 0.16, 0.09, 0.31
HSL	334°, 15%, 64%
HSV	334°, 16%, 69%
XYZ	35.3119, 33.4152, 38.3069
YIQ	158.7400, 12.8360, 9.6680

Conversions

Conversions Part 2

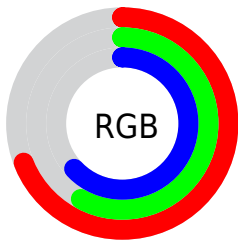
Format	Color
RYB	177, 149, 161
Decimal	11638177
CIELab	64.50, 12.48, -2.40
CIElCh	64, 12.709, 349.097
Yxy	33.4152, 0.3299, 0.3122
Android (android.graphics.Color)	4289828257 (0xFFB195A1)
YUV	158.7400, 1.1142, 16.0140
Hunter-Lab	57.8059, 7.8801, 1.1737

Details

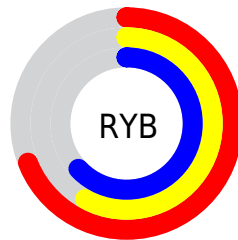
The XYZ color **35.3119, 33.4152, 38.3069** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.9094, 40.5513, 41.5864**, and the grayscale version is **32.8277, 34.5373, 37.6111**.

A 20% lighter version of the original color is **67.3549, 64.9934, 73.9607**, and **15.4943, 14.1462, 16.6657** is the 20% darker color. If you saturate the color by 10%, you get **31.8655, 27.8923, 32.9338**, and if you desaturate by 10%, it is **39.2580, 39.8211, 44.2034**.

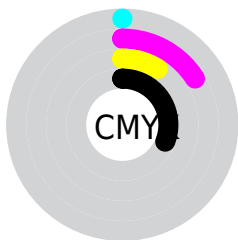
Distribution



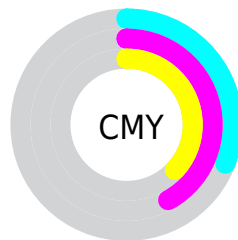
- Red (69%)
- Green (58%)
- Blue (63%)



- Red (69%)
- Yellow (58%)
- Blue (63%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (31%)



- Cyan (31%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3119, 33.4152, 38.3069 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 35.3119, 33.4152, 38.3069 by changing the saturation by 10% instead.

■ 35.3119, 33.4152,
38.3069

■ 35.3119, 33.4152,
38.3069

317.4269,
317.5165, 354.2722

■ 24.0709, 22.4447,
25.9173

■ 67.2995, 65.0232,
73.7869

■ 15.5112, 14.1840,
16.5366

■ 88.7768, 86.4295,
97.7144

■ 9.2676, 8.2488,
9.7462

114.3969,
112.0832, 126.3250

■ 4.9746, 4.2545,
5.1276

144.5252,
142.3687, 160.0371

■ 2.2670, 1.8169,
2.2623

179.5269,
177.6704, 199.2693

■ 0.7777, 0.4977,
0.7100

219.7676,

■ 0.0000, 0.0000,

218.3727, 244.4403

0.0000

265.6124,
264.8599, 295.9684

■ 35.3119, 33.4152,
38.3069

■ 35.3119, 33.4152,
38.3069

■ 31.8655, 27.8923,
32.9338

■ 39.2580, 39.8211,
44.2034

■ 28.8950, 23.2090,
28.0667

■ 43.7205, 47.1421,
50.6359

■ 26.3791, 19.3248,
23.6901

■ 48.7189, 55.4142,
57.6190

■ 24.2935, 16.1942,
19.7869

■ 54.2706, 64.6699,
65.1662

■ 22.6116, 13.7670,
16.3388

■ 60.3926, 74.9404,
73.2904

■ 21.3036, 11.9868,
13.3261

■ 67.0353, 86.1247,
81.9824

■ 20.3352, 10.7884,
10.7268

■ 68.4299, 86.6825,
89.3261

■ 19.6628, 10.0883,
8.5155

■ 69.9072, 87.2734,
97.1053

■ 19.4308, 9.8669,
7.6901

■ 71.4685, 87.8979,
105.3272

Harmonies

Analogous

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



34.4717, 33.4152, 43.3283



35.3119, 33.4152, 38.3069



35.1735, 33.4152, 33.2103

Triad

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



35.3119, 33.4152, 38.3069



30.6319, 33.4152, 27.7322



29.5293, 33.4152, 44.4729

Complementary

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



35.3119, 33.4152, 38.3069



34.9094, 40.5513, 41.5864

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.



28.5750, 33.4152, 39.7526



35.3119, 33.4152, 38.3069



29.1947, 33.4152, 30.2235

Square

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



35.3119, 33.4152, 38.3069



32.4248, 33.4152, 27.4248



28.4549, 33.4152, 34.5255



31.1046, 33.4152, 47.1072

Rectangle

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



35.3119, 33.4152, 38.3069



34.5464, 33.4152, 30.4372



28.4549, 33.4152, 34.5255



29.1279, 33.4152, 43.0578

Sweetspot

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



35.3129, 33.4167, 38.3076



70.8623, 72.2208, 79.9763



34.1738, 32.6559, 46.0974



15.2448, 15.4682, 17.1678



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.3129, 33.4167, 38.3076



60.9785, 56.2015, 65.1264



34.6026, 33.6089, 33.0990



8.6425, 8.5637, 9.6157



14.1074, 7.1605, 5.7255



0.4733, 0.2371, 0.3352

Inverse Universe

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



35.3129, 33.4167, 38.3076



60.9785, 56.2015, 65.1264



35.6872, 40.2765, 47.4885



8.6425, 8.5637, 9.6157



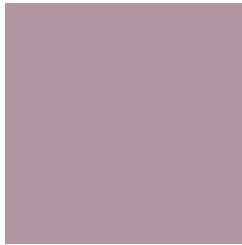
14.1074, 7.1605, 5.7255



0.4733, 0.2371, 0.3352

Previews

White Background



This preview shows how the XYZ color 35.3119, 33.4152, 38.3069 looks on a white background.

Color Contrast Check

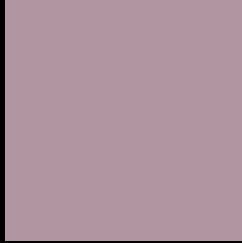
Large Text (above 18pt) WCAG AA × Fail

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 35.3119, 33.4152, 38.3069 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 35.3119, 33.4152, 38.3069

Background



This preview shows how black text looks on a background with the XYZ color 35.3119, 33.4152, 38.3069.



This preview shows how white text looks on a background with the XYZ color 35.3119, 33.4152,

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

35.3119, 33.4152, 38.3069

Protanopia

32.5846, 33.6616, 40.3773

Deuteranopia

34.1510, 33.5406, 37.9317



Tritanopia

35.3119, 33.4152, 38.3069

Trichromacy



Original Color

35.3119, 33.4152, 38.3069

Protanomaly

33.4019, 33.3553, 39.7997

Deuteranomaly

34.6454, 33.5555, 37.9086

Tritanomaly

35.3119, 33.4152, 38.3069

Monochromacy



Original Color

35.3119, 33.4152, 38.3069

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.7924, 34.0877, 38.0562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3119, 33.4152, 38.3069 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(177, 149, 161)` looks like.

```
.text, #text, p{  
    color:rgb(177, 149, 161)  
}
```

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(177, 149, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 149, 161) }
```

Border

The CSS property to change the border of an element to XYZ 35.3119, 33.4152, 38.3069 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(177, 149, 161) }
```


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

```
.border{ border-color:rgb(177, 149, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 149, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 149, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 149, 161);  
box-shadow:4px 4px 4px 4px rgb(177, 149,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3119, 33.4152, 38.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 149, 161) }
```

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

```
.background{ background-color: rgb(177,  
149, 161) }
```

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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