

Converting Colors

XYZ(35.9434, 38.8741, 40.0132)

Have a look what the booklet for
XYZ(35.9434, 38.8741, 40.0132)
contains.

XYZ(35.8138, 38.7711, 39.7784)	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(35.8138, 38.7711,
39.7784)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A9A2
RGB	163, 169, 162
RGB Percent	64%, 66%, 64%
CMY	0.3608, 0.3372, 0.3647
CMYK	0.04, 0.00, 0.04, 0.34
HSL	111°, 4%, 65%
HSV	111°, 4%, 66%
XYZ	35.8138, 38.7711, 39.7784
YIQ	166.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

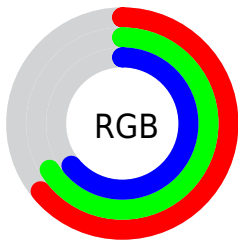
Format	Color
RYB	162, 169, 168
Decimal	10725794
CIELab	68.59, -3.45, 2.86
CIELCh	69, 4.484, 140.344
Yxy	38.7711, 0.3132, 0.3390
Android (android.graphics.Color)	4288915874 (0xFFA3A9A2)
YUV	166.4080, -2.1731, -2.9888
Hunter-Lab	62.2664, -6.2984, 5.7096

Details

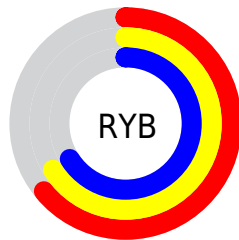
The XYZ color **35.8138, 38.7711, 39.7784** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2317, 37.0311, 42.7762**, and the grayscale version is **36.4545, 38.3530, 41.7664**.

A 20% lighter version of the original color is **68.0935, 73.2265, 76.1909**, and **15.7313, 17.2279, 17.2480** is the 20% darker color. If you saturate the color by 10%, you get **31.6132, 36.7688, 32.2597**, and if you desaturate by 10%, it is **40.5584, 41.0327, 48.3781**.

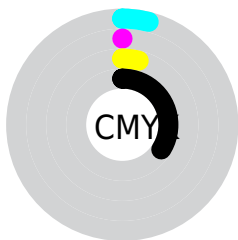
Distribution



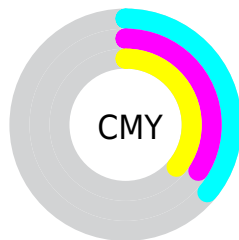
- Red (64%)
- Green (66%)
- Blue (64%)



- Red (64%)
- Yellow (66%)
- Blue (66%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (34%)



- Cyan (36%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8138, 38.7711, 39.7784 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 35.8138, 38.7711, 39.7784 by changing the saturation by 10% instead.

■ 35.8138, 38.7711,
39.7784

■ 35.8138, 38.7711,
39.7784

319.5914,
340.9163, 360.7130

■ 24.4599, 26.5817,
27.0533

■ 68.0703, 73.2885,
76.0593

■ 15.8017, 17.2593,
17.3805

■ 89.7036, 96.3853,
100.4523

■ 9.4739, 10.4196,
10.3413

115.4941,
123.8867, 129.5716

■ 5.1111, 5.6780,
5.5173

145.8071,
156.1771, 163.8359

■ 2.3480, 2.6503,
2.4899

181.0080,
193.6408, 203.6636

■ 0.8191, 0.9520,
0.8348

221.4621,

■ 0.0000, 0.0000,

236.6624, 249.4734

0.0000

267.5348,
285.6261, 301.6836

■ 35.8138, 38.7711,
39.7784

■ 35.8138, 38.7711,
39.7784

■ 31.6132, 36.7688,
32.2597

■ 40.5584, 41.0327,
48.3781

■ 27.9338, 35.0117,
25.7770

■ 45.8622, 43.5573,
58.0967

■ 24.7563, 33.4919,
20.2855

■ 51.7438, 46.3548,
68.9731

■ 22.0587, 32.1991,
15.7364

■ 58.2200, 49.4329,
81.0438

■ 19.8174, 31.1223,
12.0767

■ 65.3068, 52.7992,
94.3436

■ 18.0067, 30.2496,
9.2481

■ 71.6369, 55.9079,
101.6234

■ 16.5985, 29.5679,
7.1856

■ 73.4787, 56.8574,
101.7096

■ 15.5611, 29.0624,
5.8141

■ 14.8578, 28.7161,
5.0439

Harmonies

Analogous

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



36.3801, 38.7711, 38.6681



35.8138, 38.7711, 39.7784



35.5265, 38.7711, 41.5653

Triad

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



35.8138, 38.7711, 39.7784



36.6232, 38.7711, 46.1717



38.1404, 38.7711, 40.8757

Complementary

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



35.8138, 38.7711, 39.7784



36.2317, 37.0311, 42.7762

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.



38.2076, 38.7711, 42.8717



35.8138, 38.7711, 39.7784



37.3255, 38.7711, 45.9727

Square

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



35.8138, 38.7711, 39.7784



35.9898, 38.7711, 45.2848



37.9076, 38.7711, 44.7494



37.7254, 38.7711, 39.2875

Rectangle

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



35.8138, 38.7711, 39.7784



35.5292, 38.7711, 42.9182



37.9076, 38.7711, 44.7494



38.2047, 38.7711, 41.5198

Sweetspot

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



35.8149, 38.7728, 39.7792



66.6885, 70.6512, 75.8408



36.8788, 39.0323, 39.7733



14.5456, 15.4039, 16.5489



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



35.8149, 38.7728, 39.7792



63.3863, 69.0773, 69.8833



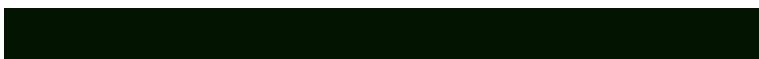
35.8310, 38.7557, 40.9286



7.8902, 8.6277, 8.6659



10.8859, 21.3091, 3.5393



0.2937, 0.5333, 0.0875

Inverse Universe

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



36.2317, 37.0311, 42.7762



64.2975, 65.2701, 76.4346



36.2174, 37.0501, 41.5855



8.0147, 8.1076, 9.5608



14.0578, 6.6305, 28.5144



0.3698, 0.1757, 0.6951

Previews

White Background



This preview shows how the XYZ color 35.8138, 38.7711, 39.7784 looks on a white background.

Color Contrast Check

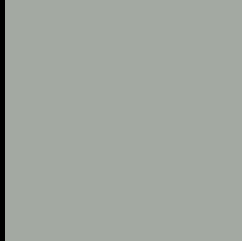
Large Text (above 18pt) WCAG AA × Fail

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 35.8138, 38.7711, 39.7784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

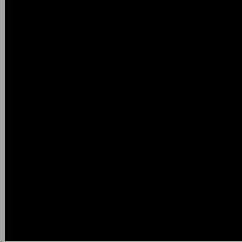
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

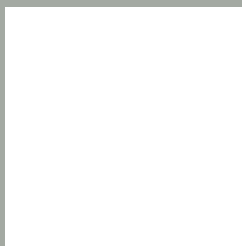
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.8138, 38.7711, 39.7784

Background



This preview shows how black text looks on a background with the XYZ color 35.8138, 38.7711, 39.7784.



This preview shows how white text looks on a background with the XYZ color 35.8138, 38.7711,

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

35.8138, 38.7711, 39.7784

Protanopia

37.0825, 38.6163, 39.2174

Deuteranopia

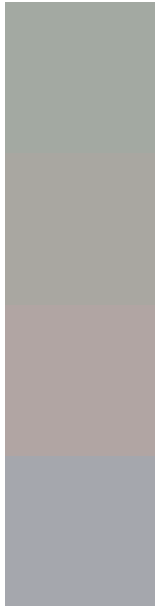
39.5388, 38.7993, 40.0554



Tritanopia

37.6003, 38.6747, 48.6632

Trichromacy



Original Color

35.8138, 38.7711, 39.7784

Protanomaly

36.6139, 38.6457, 39.2478

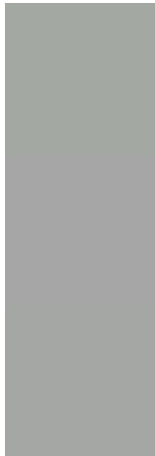
Deuteranomaly

38.1975, 38.9017, 40.1459

Tritanomaly

36.8786, 38.6539, 45.0524

Monochromacy



Original Color

35.8138, 38.7711, 39.7784

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.1273, 38.3534, 41.0961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8138, 38.7711, 39.7784 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(163, 169, 162)` looks like.

```
.text, #text, p{  
    color:rgb(163, 169, 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(163, 169, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 169, 162) }
```

Border

The CSS property to change the border of an element to XYZ 35.8138, 38.7711, 39.7784 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(163, 169, 162) }
```


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

```
.border{ border-color:rgb(163, 169, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 169, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 169, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 169, 162);  
box-shadow:4px 4px 4px 4px rgb(163, 169,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8138, 38.7711, 39.7784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 169, 162) }
```

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

```
.background{ background-color: rgb(163,  
169, 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