

Converting Colors

XYZ(37.1043, 40.4487, 38.5091)

Have a look what the booklet for
XYZ(37.1043, 40.4487, 38.5091)
contains.

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Color

**XYZ(37.1379, 40.6058,
38.6812)**

Conversions

Conversions Part 1

Format	Color
Hex	A7AD9F
RGB	167, 173, 159
RGB Percent	65%, 68%, 62%
CMY	0.3451, 0.3216, 0.3765
CMYK	0.03, 0.00, 0.08, 0.32
HSL	86°, 8%, 65%
HSV	86°, 8%, 68%
XYZ	37.1379, 40.6058, 38.6812
YIQ	169.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

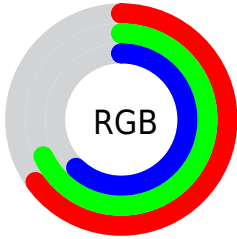
Format	Color
RYB	159, 173, 165
Decimal	10988959
CIELab	69.90, -4.72, 6.45
CIELCh	70, 7.994, 126.170
Yxy	40.6058, 0.3190, 0.3488
Android (android.graphics.Color)	4289179039 (0xFFA7AD9F)
YUV	169.6100, -5.2307, -2.2890
Hunter-Lab	63.7227, -7.4840, 8.6154

Details

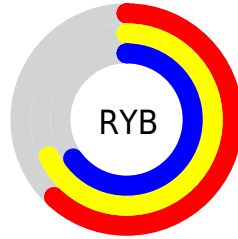
The XYZ color **37.1379, 40.6058, 38.6812** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4596, 35.8138, 44.5811**, and the grayscale version is **38.0402, 40.0212, 43.5831**.

A 20% lighter version of the original color is **70.0052, 75.8714, 74.5733**, and **16.6144, 18.4023, 16.8637** is the 20% darker color. If you saturate the color by 10%, you get **34.2186, 39.2635, 31.2487**, and if you desaturate by 10%, it is **40.3595, 42.0820, 47.2264**.

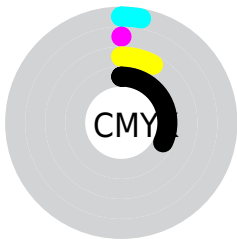
Distribution



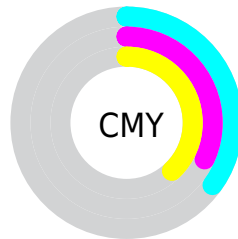
- Red (65%)
- Green (68%)
- Blue (62%)



- Red (62%)
- Yellow (68%)
- Blue (65%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (32%)



- Cyan (35%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1379, 40.6058, 38.6812 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 37.1379, 40.6058, 38.6812 by changing the saturation by 10% instead.

■ 37.1379, 40.6058,
38.6812

■ 37.1379, 40.6058,
38.6812

325.2523,
348.6704, 355.9186

■ 25.4884, 28.0112,
26.2059

■ 70.0973, 76.0851,
74.3660

■ 16.5720, 18.3341,
16.7506

■ 92.1379, 99.7386,
98.4126

■ 10.0232, 11.1901,
9.8967

118.3730,
127.8472, 127.1534

■ 5.4767, 6.1949,
5.2258

149.1678,
160.7953, 161.0068

■ 2.5672, 2.9639,
2.3193

184.8879,
198.9673, 200.3915

■ 0.9293, 1.1129,
0.7420

225.8984,

■ 0.0000, 0.0000,

242.7475, 245.7260

0.0000

272.5648,
292.5204, 297.4289

■ 37.1379, 40.6058,
38.6812

■ 37.1379, 40.6058,
38.6812

■ 34.2186, 39.2635,
31.2487

■ 40.3595, 42.0820,
47.2264

■ 31.5880, 38.0456,
24.8805

■ 43.8897, 43.6909,
56.9249

■ 29.2365, 36.9494,
19.5286

■ 47.7388, 45.4380,
67.8183

■ 27.1525, 35.9701,
15.1400

■ 51.9155, 47.3271,
79.9454

■ 25.3235, 35.1023,
11.6574

■ 56.4281, 49.3616,
93.3433

■ 23.7356, 34.3406,
9.0169

■ 60.0026, 51.0320,
101.2954

■ 22.3736, 33.6784,
7.1465

■ 62.1836, 52.1563,
101.3975

■ 21.2197, 33.1086,
5.9623

■ 64.4641, 53.3319,
101.5042

■ 20.2455, 32.6194,
5.3238

■ 66.8452, 54.5595,
101.6156

Harmonies

Analogous

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



38.3265, 40.6058, 37.4698



37.1379, 40.6058, 38.6812



36.3526, 40.6058, 41.3827

Triad

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



37.1379, 40.6058, 38.6812



37.5933, 40.6058, 51.0908



41.1338, 40.6058, 43.4478

Complementary

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



37.1379, 40.6058, 38.6812



35.4596, 35.8138, 44.5811

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.



40.9269, 40.6058, 47.1691



37.1379, 40.6058, 38.6812



38.8639, 40.6058, 51.7199

Square

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



37.1379, 40.6058, 38.6812



36.6114, 40.6058, 48.5743



40.0889, 40.6058, 50.2481



40.6481, 40.6058, 40.1205

Rectangle

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



37.1379, 40.6058, 38.6812



36.1536, 40.6058, 43.7362



40.0889, 40.6058, 50.2481



41.1431, 40.6058, 44.6928

Sweetspot

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



37.1390, 40.6076, 38.6821



69.9401, 74.2941, 78.3030



36.9181, 38.2390, 38.2365



15.2139, 16.1523, 17.0551



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.



37.1390, 40.6076, 38.6821



65.3789, 72.2027, 66.3430



35.7333, 39.8829, 38.6163



8.3260, 9.1566, 8.5419



14.8114, 23.9326, 3.8388



0.4730, 0.6972, 0.1096

Inverse Universe

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



35.4596, 35.8138, 44.5811



61.6506, 61.5606, 79.4388



36.9191, 36.5663, 44.6494



7.8923, 7.9188, 10.0652



7.6884, 3.3234, 29.2808



0.2773, 0.1252, 0.8175

Previews

White Background



This preview shows how the XYZ color 37.1379, 40.6058, 38.6812 looks on a white background.

Color Contrast Check

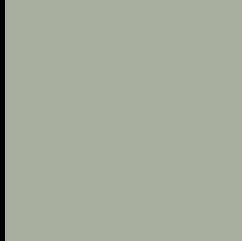
Large Text (above 18pt) WCAG AA × Fail

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 37.1379, 40.6058, 38.6812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

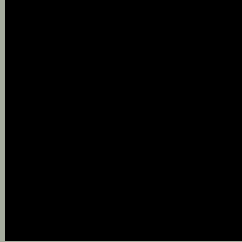
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

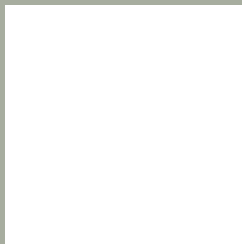
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.1379, 40.6058, 38.6812

Background



This preview shows how black text looks on a background with the XYZ color 37.1379, 40.6058, 38.6812.



This preview shows how white text looks on a background with the XYZ color 37.1379, 40.6058,

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

37.1379, 40.6058, 38.6812

Protanopia

38.5920, 40.5309, 37.6875

Deuteranopia

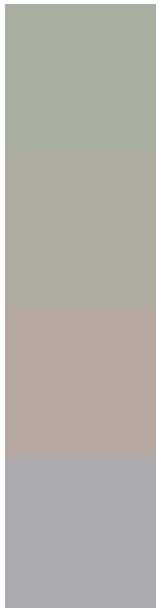
41.3740, 40.5598, 39.3664



Tritanopia

39.5298, 40.4528, 50.5245

Trichromacy



Original Color

37.1379, 40.6058, 38.6812

Protanomaly

37.9680, 40.4787, 38.1598

Deuteranomaly

39.6392, 40.4884, 38.9835

Tritanomaly

38.5923, 40.3515, 45.7990

Monochromacy



Original Color

37.1379, 40.6058, 38.6812

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.8080, 40.3140, 41.8651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1379, 40.6058, 38.6812 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(167, 173, 159)` looks like.

```
.text, #text, p{  
    color:rgb(167, 173, 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(167, 173, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 173, 159) }
```

Border

The CSS property to change the border of an element to XYZ 37.1379, 40.6058, 38.6812 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(167, 173, 159) }
```


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

```
.border{ border-color:rgb(167, 173, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 173, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 173, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 173, 159);  
box-shadow:4px 4px 4px 4px rgb(167, 173,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1379, 40.6058, 38.6812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 173, 159) }
```

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

```
.background{ background-color: rgb(167,  
173, 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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