

Converting Colors

XYZ(39.2785, 40.9952, 38.2782)

Have a look what the booklet for
XYZ(39.2785, 40.9952, 38.2782)
contains.

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Color

**XYZ(39.1367, 40.8018,
38.1606)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AA9E
RGB	179, 170, 158
RGB Percent	70%, 67%, 62%
CMY	0.2980, 0.3333, 0.3804
CMYK	0.00, 0.05, 0.12, 0.30
HSL	34°, 12%, 66%
HSV	34°, 12%, 70%
XYZ	39.1367, 40.8018, 38.1606
YIQ	171.3230, 9.2160, -1.8240

Conversions

Conversions Part 2

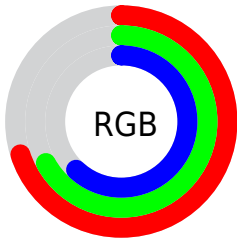
Format	Color
RYB	174, 179, 158
Decimal	11774622
CIELab	70.04, 1.13, 7.33
CIELCh	70, 7.417, 81.231
Yxy	40.8018, 0.3314, 0.3455
Android (android.graphics.Color)	4289964702 (0xFFB3AA9E)
YUV	171.3230, -6.5682, 6.7327
Hunter-Lab	63.8763, -2.4174, 9.2927

Details

The XYZ color **39.1367, 40.8018, 38.1606** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0559, 38.1605, 48.1136**, and the grayscale version is **38.9008, 40.9266, 44.5691**.

A 20% lighter version of the original color is **73.1964, 76.3167, 73.8235**, and **17.7365, 18.4540, 16.5371** is the 20% darker color. If you saturate the color by 10%, you get **36.3113, 37.4394, 30.1628**, and if you desaturate by 10%, it is **42.2727, 44.4253, 47.3701**.

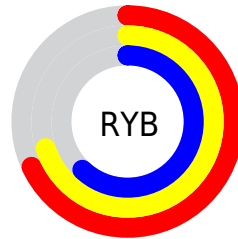
Distribution



Red (70%)

Green (67%)

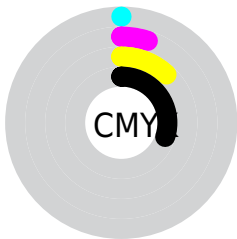
Blue (62%)



Red (68%)

Yellow (70%)

Blue (62%)

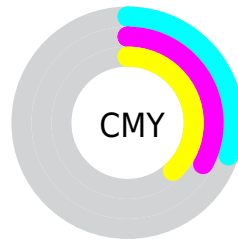


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1367, 40.8018, 38.1606 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 39.1367, 40.8018, 38.1606 by changing the saturation by 10% instead.

■ 39.1367, 40.8018,
38.1606

■ 39.1367, 40.8018,
38.1606

333.6685,
349.4916, 353.6272

■ 27.0473, 28.1642,
25.8046

■ 73.1398, 76.3829,
73.5604

■ 17.7455, 18.4495,
16.4530

■ 95.7843, 100.0953,
97.4412

■ 10.8660, 11.2732,
9.6875

122.6778,
128.2681, 126.0007

■ 6.0434, 6.2509,
5.0894

154.1857,
161.2856, 159.6574

■ 2.9124, 2.9982,
2.2401

190.6733,
199.5323, 198.8299

■ 1.1076, 1.1308,
0.6974

232.5061,

■ 0.0315, 0.0041,

243.3926, 243.9366

0.0000

280.0494,
293.2509, 295.3962

■ 0.0000, 0.0000,
0.0000

■ 39.1367, 40.8018,
38.1606

■ 39.1367, 40.8018,
38.1606

■ 36.3113, 37.4394,
30.1628

■ 42.2727, 44.4253,
47.3701

■ 33.7820, 34.3261,
23.3229

■ 45.7264, 48.3109,
57.8370

■ 31.5382, 31.4565,
17.5865

■ 49.5088, 52.4665,
69.6078

■ 29.5671, 28.8233,
12.8942

■ 53.6294, 56.8981,
82.7258

■ 27.8548, 26.4183,
9.1805

■ 58.0972, 61.6113,
97.2323

■ 26.3862, 24.2330,
6.3728

■ 61.2004, 65.9234,
104.1066

■ 25.1438, 22.2578,
4.3879

■ 63.2114, 69.9454,
104.7770

■ 24.1075, 20.4819,
3.1273

■ 65.3152, 74.1531,
105.4782

■ 23.3730, 19.1487,
2.4642

■ 67.5132, 78.5490,
106.2109

Harmonies

Analogous

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



40.2562, 40.8018, 39.4307



39.1367, 40.8018, 38.1606



37.9444, 40.8018, 38.4999

Triad

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



39.1367, 40.8018, 38.1606



36.6522, 40.8018, 46.8832



40.6234, 40.8018, 48.7309

Complementary

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



39.1367, 40.8018, 38.1606



36.0559, 38.1605, 48.1136

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.



39.6296, 40.8018, 50.9315



39.1367, 40.8018, 38.1606



37.3421, 40.8018, 49.8268

Square

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



39.1367, 40.8018, 38.1606



36.5265, 40.8018, 43.4180



38.4272, 40.8018, 51.3427



41.1262, 40.8018, 45.4499

Rectangle

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



39.1367, 40.8018, 38.1606



37.2675, 40.8018, 39.6009



38.4272, 40.8018, 51.3427



40.3347, 40.8018, 49.6285

Sweetspot

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



39.1378, 40.8036, 38.1615



74.3466, 78.0067, 80.7865



37.8021, 36.8317, 41.7251



16.3763, 17.1731, 17.6164



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.1378, 40.8036, 38.1615



68.7750, 71.5254, 64.5571



40.5605, 44.1270, 38.7280



8.8860, 9.2846, 8.9763



16.5819, 13.6624, 1.7632



0.5782, 0.5429, 0.0743

Inverse Universe

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



36.0559, 38.1605, 48.1136



62.1908, 65.8790, 85.8193



34.7417, 35.1209, 47.5961



8.3313, 8.8089, 10.7675



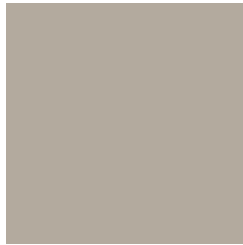
7.6716, 6.1435, 30.9185



0.2997, 0.3100, 0.9923

Previews

White Background



This preview shows how the XYZ color 39.1367, 40.8018, 38.1606 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 39.1367, 40.8018, 38.1606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

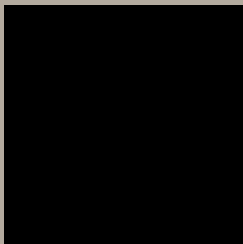
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

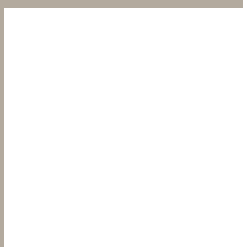
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1367, 40.8018, 38.1606

Background



This preview shows how black text looks on a background with the XYZ color 39.1367, 40.8018, 38.1606.

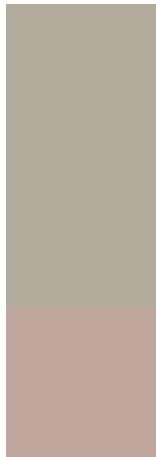


This preview shows how white text looks on a background with the XYZ color 39.1367, 40.8018,

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

39.1367, 40.8018, 38.1606

Protanopia

38.8659, 40.9416, 38.2018

Deuteranopia

41.4514, 40.6199, 38.4566



Tritanopia

41.3483, 40.8778, 48.8909

Trichromacy



Original Color

39.1367, 40.8018, 38.1606

Protanomaly

39.0946, 41.0594, 38.2125

Deuteranomaly

40.5702, 40.7054, 38.5195

Tritanomaly

40.5051, 40.8076, 44.7715

Monochromacy



Original Color

39.1367, 40.8018, 38.1606

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.9014, 40.8777, 41.9162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1367, 40.8018, 38.1606 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(179, 170, 158)` looks like.

```
.text, #text, p{  
    color:rgb(179, 170, 158)  
}
```

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(179, 170, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 170, 158) }
```

Border

The CSS property to change the border of an element to XYZ 39.1367, 40.8018, 38.1606 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(179, 170, 158) }
```


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

```
.border{ border-color:rgb(179, 170, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 170, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 170, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 170, 158);  
box-shadow:4px 4px 4px 4px rgb(179, 170,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1367, 40.8018, 38.1606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 170, 158) }
```

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

```
.background{ background-color: rgb(179,  
170, 158) }
```

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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