

Converting Colors

XYZ(38.7982, 40.7494, 39.2851)

Have a look what the booklet for
XYZ(38.7982, 40.7494, 39.2851)
contains.

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Color

**XYZ(38.8126, 40.8940,
39.1054)**

Conversions

Conversions Part 1

Format	Color
Hex	B0ABA0
RGB	176, 171, 160
RGB Percent	69%, 67%, 63%
CMY	0.3098, 0.3294, 0.3725
CMYK	0.00, 0.03, 0.09, 0.31
HSL	41°, 9%, 66%
HSV	41°, 9%, 69%
XYZ	38.8126, 40.8940, 39.1054
YIQ	171.2410, 6.5110, -2.3610

Conversions

Conversions Part 2

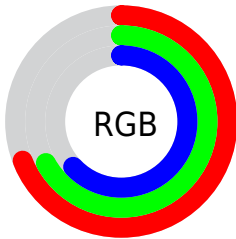
Format	Color
RYB	167, 176, 160
Decimal	11578272
CIELab	70.10, -0.18, 6.29
CIELCh	70, 6.290, 91.622
Yxy	40.8940, 0.3267, 0.3442
Android (android.graphics.Color)	4289768352 (0xFFB0ABA0)
YUV	171.2410, -5.5418, 4.1736
Hunter-Lab	63.9484, -3.5716, 8.5072

Details

The XYZ color **38.8126, 40.8940, 39.1054** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7888, 37.5179, 46.4302**, and the grayscale version is **38.8555, 40.8790, 44.5172**.

A 20% lighter version of the original color is **72.7408, 76.4548, 75.2134**, and **17.5255, 18.5087, 17.1168** is the 20% darker color. If you saturate the color by 10%, you get **36.3643, 38.2891, 31.2233**, and if you desaturate by 10%, it is **41.5243, 43.6760, 48.1517**.

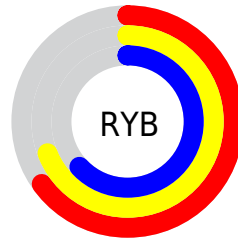
Distribution



Red (69%)

Green (67%)

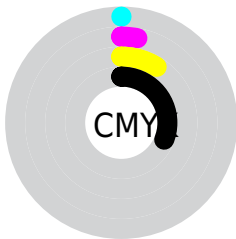
Blue (63%)



Red (65%)

Yellow (69%)

Blue (63%)

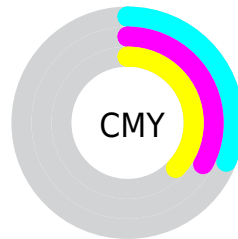


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8126, 40.8940, 39.1054 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 38.8126, 40.8940, 39.1054 by changing the saturation by 10% instead.

■ 38.8126, 40.8940,
39.1054

■ 38.8126, 40.8940,
39.1054

332.3140,
349.8774, 357.7777

■ 26.7940, 28.2363,
26.5333

■ 72.6479, 76.5230,
75.0214

■ 17.5544, 18.5038,
16.9937

■ 95.1953, 100.2630,
99.2024

■ 10.7283, 11.3123,
10.0681

121.9830,
128.4659, 128.0901

■ 5.9504, 6.2773,
5.3379

153.3764,
161.5160, 162.1030

■ 2.8553, 3.0144,
2.3847

189.7409,
199.7979, 201.6596

■ 1.0777, 1.1393,
0.7781

231.4417,

■ 0.0063, 0.0112,

243.6958, 247.1786

0.0000

278.8443,
293.5942, 299.0785

■ 0.0000, 0.0000,
0.0000

■ 38.8126, 40.8940,
39.1054

■ 38.8126, 40.8940,
39.1054

■ 36.3643, 38.2891,
31.2233

■ 41.5243, 43.6760,
48.1517

■ 34.1665, 35.8514,
24.4547

■ 44.5052, 46.6342,
58.4049

■ 32.2099, 33.5776,
18.7489

■ 47.7650, 49.7747,
69.9088

■ 30.4836, 31.4624,
14.0502

■ 51.3119, 53.1016,
82.7042

■ 28.9755, 29.5002,
10.2980

■ 55.1538, 56.6186,
96.8300

■ 27.6722, 27.6847,
7.4248

■ 57.5436, 59.6279,
103.0842

■ 26.5587, 26.0090,
5.3543

■ 58.8730, 62.2868,
103.5274

■ 25.6176, 24.4651,
3.9972

■ 60.2490, 65.0389,
103.9860

■ 24.8162, 23.0392,
3.1850

■ 61.6721, 67.8850,
104.4604

Harmonies

Analogous

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



39.8154, 40.8940, 39.7303



38.8126, 40.8940, 39.1054



37.8415, 40.8940, 39.8790

Triad

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



38.8126, 40.8940, 39.1054



37.2099, 40.8940, 47.5605



40.6333, 40.8940, 47.2711

Complementary

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



38.8126, 40.8940, 39.1054



35.7888, 37.5179, 46.4302

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.



39.9139, 40.8940, 49.5220



38.8126, 40.8940, 39.1054



37.9368, 40.8940, 49.6941

Square

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



38.8126, 40.8940, 39.1054



36.9264, 40.8940, 44.6870



38.9245, 40.8940, 50.4270



40.8776, 40.8940, 44.3666

Rectangle

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



38.8126, 40.8940, 39.1054



37.3398, 40.8940, 41.1044



38.9245, 40.8940, 50.4270



40.4384, 40.8940, 48.1336

Sweetspot

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



38.8137, 40.8958, 39.1063



73.3052, 77.1771, 80.5733



37.2735, 37.0914, 40.8245



15.8011, 16.6382, 17.1763



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.



38.8137, 40.8958, 39.1063



69.4220, 73.1511, 67.7479



39.1194, 42.4811, 39.3962



8.9687, 9.4500, 9.0038



18.2107, 16.9200, 2.3061



0.6222, 0.6308, 0.0890

Inverse Universe

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



35.7888, 37.5179, 46.4302



62.7628, 65.7150, 83.8716



35.4985, 36.0563, 46.1634



8.2513, 8.6488, 10.7408



6.7978, 4.3960, 30.6272



0.2673, 0.2452, 0.9815

Previews

White Background



This preview shows how the XYZ color 38.8126, 40.8940, 39.1054 looks on a white background.

Color Contrast Check

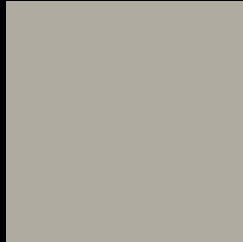
Large Text (above 18pt) WCAG AA × Fail

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 38.8126, 40.8940, 39.1054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

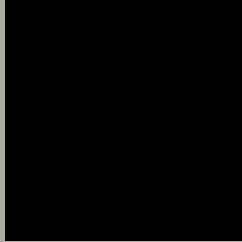
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8126, 40.8940, 39.1054

Background



This preview shows how black text looks on a background with the XYZ color 38.8126, 40.8940, 39.1054.



This preview shows how white text looks on a background with the XYZ color 38.8126, 40.8940,

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

38.8126, 40.8940, 39.1054

Protanopia

39.0395, 41.0110, 39.1160

Deuteranopia

41.6264, 40.6899, 39.3782



Tritanopia

40.9335, 40.9252, 49.4580

Trichromacy



Original Color

38.8126, 40.8940, 39.1054

Protanomaly

39.0395, 41.0110, 39.1160

Deuteranomaly

40.5014, 40.6497, 39.4297

Tritanomaly

40.0909, 40.8580, 45.3085

Monochromacy



Original Color

38.8126, 40.8940, 39.1054

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.7715, 40.8001, 42.3909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8126, 40.8940, 39.1054 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(176, 171, 160)` looks like.

```
.text, #text, p{  
    color:rgb(176, 171, 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(176, 171, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 171, 160) }
```

Border

The CSS property to change the border of an element to XYZ 38.8126, 40.8940, 39.1054 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(176, 171, 160) }
```


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

```
.border{ border-color:rgb(176, 171, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 171, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 171, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 171, 160);  
box-shadow:4px 4px 4px 4px rgb(176, 171,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8126, 40.8940, 39.1054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 171, 160) }
```

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

```
.background{ background-color: rgb(176,  
171, 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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