

Converting Colors

XYZ(39.1225, 41.8199, 38.8112)

Have a look what the booklet for
XYZ(39.1225, 41.8199, 38.8112)
contains.

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Color

**XYZ(39.2986, 42.0054,
38.8375)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AE9F
RGB	176, 174, 159
RGB Percent	69%, 68%, 62%
CMY	0.3098, 0.3176, 0.3765
CMYK	0.00, 0.01, 0.10, 0.31
HSL	53°, 10%, 66%
HSV	53°, 10%, 69%
XYZ	39.2986, 42.0054, 38.8375
YIQ	172.8880, 6.0070, -4.2410

Conversions

Conversions Part 2

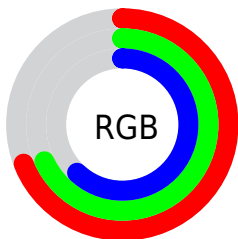
Format	Color
RYB	161, 176, 159
Decimal	11579039
CIELab	70.87, -1.97, 7.95
CIElCh	71, 8.186, 103.913
Yxy	42.0054, 0.3271, 0.3496
Android (android.graphics.Color)	4289769119 (0xFFB0AE9F)
YUV	172.8880, -6.8468, 2.7292
Hunter-Lab	64.8116, -5.1865, 9.8393

Details

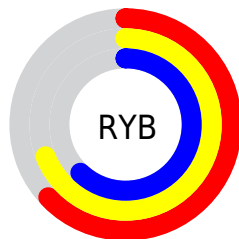
The XYZ color **39.2986, 42.0054, 38.8375** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8795, 35.9948, 46.1842**, and the grayscale version is **39.6960, 41.7633, 45.4802**.

A 20% lighter version of the original color is **73.4356, 78.0495, 74.8129**, and **17.8347, 19.2127, 16.9558** is the 20% darker color. If you saturate the color by 10%, you get **37.4829, 40.6463, 31.2261**, and if you desaturate by 10%, it is **41.3403, 43.4675, 47.5982**.

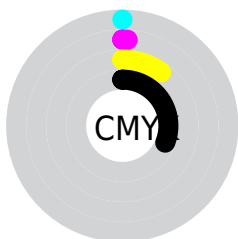
Distribution



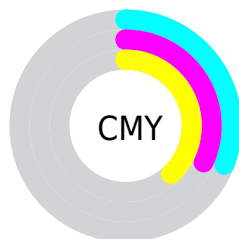
- Red (69%)
- Green (68%)
- Blue (62%)



- Red (63%)
- Yellow (69%)
- Blue (62%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (31%)



- Cyan (31%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2986, 42.0054, 38.8375 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 39.2986, 42.0054, 38.8375 by changing the saturation by 10% instead.

■ 39.2986, 42.0054,
38.8375

■ 39.2986, 42.0054,
38.8375

334.3437,
354.5053, 356.6044

■ 27.1739, 29.1055,
26.3265

■ 73.3854, 78.2078,
74.6076

■ 17.8411, 19.1607,
16.8401

■ 96.0782, 102.2791,
98.7038

■ 10.9350, 11.7864,
9.9598

123.0244,
130.8430, 127.4987

■ 6.0901, 6.5984,
5.2670

154.5893,
164.2839, 161.4111

■ 2.9411, 3.2123,
2.3433

191.1384,
202.9862, 200.8592

■ 1.1227, 1.2435,
0.7553

233.0369,

■ 0.0440, 0.0968,

247.3343, 246.2618

0.0000

280.6502,
297.7125, 298.0374

■ 0.0000, 0.0000,
0.0000

■ 39.2986, 42.0054,
38.8375

■ 39.2986, 42.0054,
38.8375

■ 37.4829, 40.6463,
31.2261

■ 41.3403, 43.4675,
47.5982

■ 35.8806, 39.3810,
24.7131

■ 43.6131, 45.0305,
57.5508

■ 34.4829, 38.2073,
19.2479

■ 46.1263, 46.6996,
68.7391

■ 33.2793, 37.1209,
14.7746

■ 48.8878, 48.4780,
81.2038

■ 32.2581, 36.1172,
11.2325

■ 51.9050, 50.3686,
94.9837

■ 31.4066, 35.1910,
8.5539

■ 53.5998, 51.7404,
101.7696

■ 30.7101, 34.3363,
6.6621

■ 54.0398, 52.6203,
101.9163

■ 30.1514, 33.5463,
5.4668

■ 54.4861, 53.5129,
102.0650

■ 29.6957, 32.8070,
4.7845

■ 54.9387, 54.4181,
102.2159

Harmonies

Analogous

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



40.6548, 42.0054, 38.9035



39.2986, 42.0054, 38.8375



38.1363, 42.0054, 40.5448

Triad

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



39.2986, 42.0054, 38.8375



38.0683, 42.0054, 51.1371



42.4938, 42.0054, 47.8461

Complementary

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



39.2986, 42.0054, 38.8375



34.8795, 35.9948, 46.1842

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.



41.7685, 42.0054, 51.3540



39.2986, 42.0054, 38.8375



39.2038, 42.0054, 53.3266

Square

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



39.2986, 42.0054, 38.8375



37.4370, 42.0054, 47.5636



40.5578, 42.0054, 53.4082



42.5206, 42.0054, 43.9573

Rectangle

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



39.2986, 42.0054, 38.8375



37.6192, 42.0054, 42.5180



40.5578, 42.0054, 53.4082



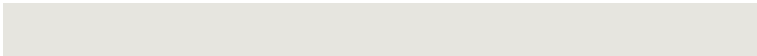
42.3229, 42.0054, 49.1139

Sweetspot

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



39.2997, 42.0072, 38.8384



73.6743, 77.9153, 80.6963



36.7598, 36.6097, 38.9712



15.9017, 16.8394, 17.2098



84.5950, 89.0005, 96.9216



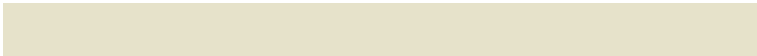
16.2198, 17.0645, 18.5832

Same Dimension

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



39.2997, 42.0072, 38.8384



70.3973, 75.5398, 66.7226



38.3111, 42.0745, 38.9035



9.1102, 9.7328, 9.0510



21.8048, 24.1081, 3.5041



0.7100, 0.8064, 0.1182

Inverse Universe

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



34.8795, 35.9948, 46.1842



60.4371, 61.9921, 83.2756



35.8009, 35.9559, 46.1281



8.1197, 8.3856, 10.6970



5.9656, 2.7316, 30.3498



0.2134, 0.1374, 0.9635

Previews

White Background



This preview shows how the XYZ color 39.2986, 42.0054, 38.8375 looks on a white background.

Color Contrast Check

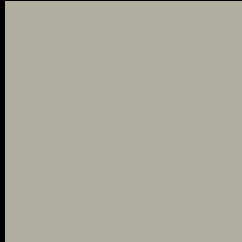
Large Text (above 18pt) WCAG AA × Fail

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 39.2986, 42.0054, 38.8375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

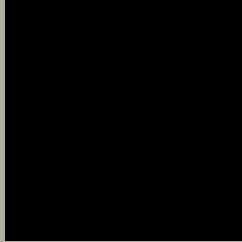
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

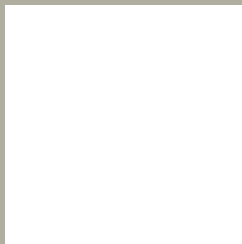
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2986, 42.0054, 38.8375

Background



This preview shows how black text looks on a background with the XYZ color 39.2986, 42.0054, 38.8375.



This preview shows how white text looks on a background with the XYZ color 39.2986, 42.0054,

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

39.2986, 42.0054, 38.8375

Protanopia

39.9375, 42.0591, 38.3610

Deuteranopia

42.6696, 41.7776, 39.0727



Tritanopia

41.8488, 41.9134, 51.2318

Trichromacy



Original Color

39.2986, 42.0054, 38.8375

Protanomaly

39.7055, 41.9395, 38.3502

Deuteranomaly

41.4589, 41.9789, 39.1753

Tritanomaly

40.8912, 41.8047, 46.4714

Monochromacy



Original Color

39.2986, 42.0054, 38.8375

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.4670, 41.7130, 43.0171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2986, 42.0054, 38.8375 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, 174, 159)` looks like.

```
.text, #text, p{  
    color:rgb(176, 174, 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(176, 174, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 174, 159) }
```

Border

The CSS property to change the border of an element to XYZ 39.2986, 42.0054, 38.8375 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, 174, 159) }
```


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

```
.border{ border-color:rgb(176, 174, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 174, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 174, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 174, 159);  
box-shadow:4px 4px 4px 4px rgb(176, 174,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2986, 42.0054, 38.8375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 174, 159) }
```

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

```
.background{ background-color: rgb(176,  
174, 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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