

Converting Colors

XYZ(38.9398, 41.4358, 37.8836)

Have a look what the booklet for
XYZ(38.9398, 41.4358, 37.8836)
contains.

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Color

**XYZ(38.9339, 41.5516,
37.8665)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AD9D
RGB	176, 173, 157
RGB Percent	69%, 68%, 62%
CMY	0.3098, 0.3216, 0.3843
CMYK	0.00, 0.02, 0.11, 0.31
HSL	51°, 11%, 65%
HSV	51°, 11%, 69%
XYZ	38.9339, 41.5516, 37.8665
YIQ	172.0730, 6.9240, -4.3400

Conversions

Conversions Part 2

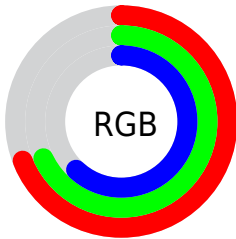
Format	Color
RYB	161, 176, 157
Decimal	11578781
CIELab	70.56, -1.77, 8.60
CIELCh	71, 8.777, 101.640
Yxy	41.5516, 0.3290, 0.3511
Android (android.graphics.Color)	4289768861 (0xFFB0AD9D)
YUV	172.0730, -7.4310, 3.4440
Hunter-Lab	64.4605, -4.9926, 10.2932

Details

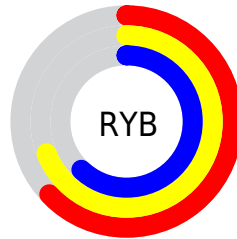
The XYZ color **38.9339, 41.5516, 37.8665** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3119, 35.4437, 46.1076**, and the grayscale version is **39.2846, 41.3304, 45.0088**.

A 20% lighter version of the original color is **72.9058, 77.3961, 73.3837**, and **17.6073, 18.9263, 16.3608** is the 20% darker color. If you saturate the color by 10%, you get **37.0119, 39.9413, 30.3388**, and if you desaturate by 10%, it is **41.0857, 43.2742, 46.5398**.

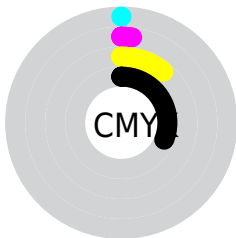
Distribution



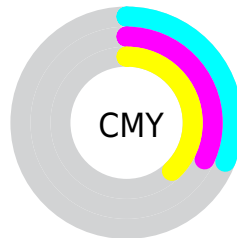
- Red (69%)
- Green (68%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9339, 41.5516, 37.8665 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 38.9339, 41.5516, 37.8665 by changing the saturation by 10% instead.

■ 38.9339, 41.5516,
37.8665

■ 38.9339, 41.5516,
37.8665

332.8214,
352.6208, 352.3279

■ 26.8888, 28.7503,
25.5781

■ 72.8320, 77.5205,
73.1046

■ 17.6259, 18.8920,
16.2853

■ 95.4158, 101.4570,
96.8914

■ 10.7798, 11.5923,
9.5697

122.2432,
129.8740, 125.3480

■ 5.9852, 6.4667,
5.0128

153.6795,
163.1559, 158.8930

■ 2.8766, 3.1309,
2.1959

190.0901,
201.6872, 197.9450

■ 1.0889, 1.2004,
0.6720

231.8404,

■ 0.0158, 0.0621,

245.8521, 242.9225

0.0000

279.2957,
296.0352, 294.2439

■ 0.0000, 0.0000,
0.0000

■ 38.9339, 41.5516,
37.8665

■ 38.9339, 41.5516,
37.8665

■ 37.0119, 39.9413,
30.3388

■ 41.0857, 43.2742,
46.5398

■ 35.3071, 38.4341,
23.9055

■ 43.4727, 45.1074,
56.4016

■ 33.8106, 37.0278,
18.5154

■ 46.1042, 47.0562,
67.4960

■ 32.5117, 35.7178,
14.1123

■ 48.9881, 49.1240,
79.8640

■ 31.3987, 34.4995,
10.6345

■ 52.1319, 51.3139,
93.5445

■ 30.4584, 33.3674,
8.0137

■ 54.2943, 53.1294,
102.0011

■ 29.6761, 32.3155,
6.1718

■ 54.8999, 54.3405,
102.2030

■ 29.0340, 31.3367,
5.0164

■ 55.5169, 55.5746,
102.4087

■ 28.5329, 30.4866,
4.3807

■ 56.1455, 56.8319,
102.6182

Harmonies

Analogous

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



40.3780, 41.5516, 38.0820



38.9339, 41.5516, 37.8665



37.6705, 41.5516, 39.5358

Triad

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



38.9339, 41.5516, 37.8665



37.4471, 41.5516, 50.7561



42.1982, 41.5516, 47.8037

Complementary

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



38.9339, 41.5516, 37.8665



34.3119, 35.4437, 46.1076

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.



41.3745, 41.5516, 51.4738



38.9339, 41.5516, 37.8665



38.6221, 41.5516, 53.2489

Square

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



38.9339, 41.5516, 37.8665



36.8262, 41.5516, 46.8722



40.0585, 41.5516, 53.5193



42.2867, 41.5516, 43.6512

Rectangle

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



38.9339, 41.5516, 37.8665



37.0914, 41.5516, 41.5560



40.0585, 41.5516, 53.5193



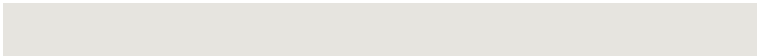
41.9972, 41.5516, 49.1410

Sweetspot

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



38.9350, 41.5534, 37.8674



73.5978, 77.7623, 80.6708



36.3218, 35.8885, 38.3476



15.8809, 16.7977, 17.2028



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.



38.9350, 41.5534, 37.8674



69.7288, 74.6344, 65.1693



38.1172, 41.9944, 37.9956



9.0807, 9.6738, 9.0412



20.9701, 22.4387, 3.2259



0.6904, 0.7672, 0.1117

Inverse Universe

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



34.3119, 35.4437, 46.1076



59.6238, 61.2804, 83.1811



35.0666, 35.0709, 45.9959



8.1466, 8.4395, 10.7059



6.0791, 2.9585, 30.3876



0.2246, 0.1597, 0.9672

Previews

White Background



This preview shows how the XYZ color 38.9339, 41.5516, 37.8665 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 38.9339, 41.5516, 37.8665 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

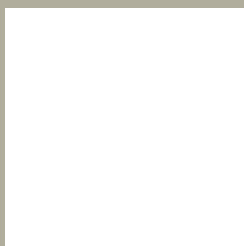
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.9339, 41.5516, 37.8665

Background



This preview shows how black text looks on a background with the XYZ color 38.9339, 41.5516, 37.8665.



This preview shows how white text looks on a background with the XYZ color 38.9339, 41.5516,

37.8665.

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

38.9339, 41.5516, 37.8665

Protanopia

39.3437, 41.4891, 37.3870

Deuteranopia

42.0559, 41.2104, 38.0856



Tritanopia

41.5576, 41.4981, 50.6194

Trichromacy



Original Color

38.9339, 41.5516, 37.8665

Protanomaly

39.1134, 41.3703, 37.3763

Deuteranomaly

40.8530, 41.4094, 38.1874

Tritanomaly

40.6051, 41.3891, 45.8932

Monochromacy



Original Color

38.9339, 41.5516, 37.8665

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.9612, 41.1793, 42.4541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9339, 41.5516, 37.8665 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, 173, 157)` looks like.

```
.text, #text, p{  
    color:rgb(176, 173, 157)  
}
```

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, 173, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 173, 157) }
```

Border

The CSS property to change the border of an element to XYZ 38.9339, 41.5516, 37.8665 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, 173, 157) }
```


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

```
.border{ border-color:rgb(176, 173, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 173, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 173, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 173, 157);  
box-shadow:4px 4px 4px 4px rgb(176, 173,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9339, 41.5516, 37.8665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 173, 157) }
```

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

```
.background{ background-color: rgb(176,  
173, 157) }
```

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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