

Converting Colors

XYZ(37.3467, 39.8669, 38.0851)

Have a look what the booklet for
XYZ(37.3467, 39.8669, 38.0851)
contains.

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Color

**XYZ(37.3409, 39.8760,
38.0765)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAA9E
RGB	171, 170, 158
RGB Percent	67%, 67%, 62%
CMY	0.3294, 0.3333, 0.3804
CMYK	0.00, 0.01, 0.08, 0.33
HSL	55°, 7%, 65%
HSV	55°, 8%, 67%
XYZ	37.3409, 39.8760, 38.0765
YIQ	168.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

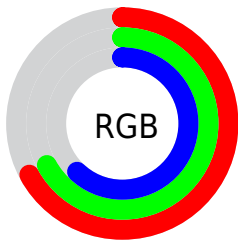
Format	Color
RYB	159, 171, 158
Decimal	11250334
CIELab	69.38, -1.82, 6.30
CIELCh	69, 6.561, 106.120
Yxy	39.8760, 0.3239, 0.3459
Android (android.graphics.Color)	4289440414 (0xFFABAA9E)
YUV	168.9310, -5.3890, 1.8145
Hunter-Lab	63.1474, -4.9559, 8.4527

Details

The XYZ color **37.3409, 39.8760, 38.0765** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8494, 35.0052, 43.5012**, and the grayscale version is **37.7031, 39.6666, 43.1970**.

A 20% lighter version of the original color is **70.2995, 74.8233, 73.6879**, and **16.7400, 17.9403, 16.4905** is the 20% darker color. If you saturate the color by 10%, you get **35.7261, 38.8400, 30.7747**, and if you desaturate by 10%, it is **39.1652, 41.0023, 46.4597**.

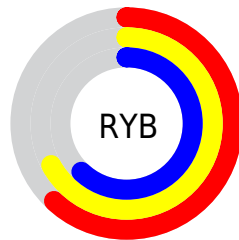
Distribution



Red (67%)

Green (67%)

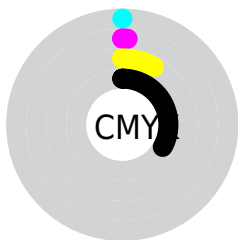
Blue (62%)



Red (62%)

Yellow (67%)

Blue (62%)

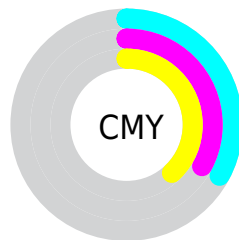


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3409, 39.8760, 38.0765 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 37.3409, 39.8760, 38.0765 by changing the saturation by 10% instead.

■ 37.3409, 39.8760,
38.0765

■ 37.3409, 39.8760,
38.0765

326.1140,
345.6007, 353.2560

■ 25.6464, 27.4419,
25.7398

■ 70.4072, 74.9747,
73.4301

■ 16.6906, 17.9054,
16.4050

■ 92.5098, 98.4080,
97.2841

■ 10.1081, 10.8821,
9.6538

118.8124,
126.2765, 125.8142

■ 5.5335, 5.9876,
5.0674

149.6804,
158.9646, 159.4390

■ 2.6015, 2.8375,
2.2274

185.4793,
196.8566, 198.5770

■ 0.9467, 1.0475,
0.6901

226.5743,

■ 0.0000, 0.0000,

240.3371, 243.6469

0.0000

273.3307,
289.7903, 295.0670

■ 37.3409, 39.8760,
38.0765

■ 37.3409, 39.8760,
38.0765

■ 35.7261, 38.8400,
30.7747

■ 39.1652, 41.0023,
46.4597

■ 34.3091, 37.8857,
24.5073

■ 41.2037, 42.2170,
55.9633

■ 33.0819, 37.0113,
19.2279

■ 43.4649, 43.5247,
66.6278

■ 32.0350, 36.2128,
14.8854

■ 45.9561, 44.9283,
78.4907

■ 31.1577, 35.4861,
11.4242

■ 48.6839, 46.4305,
91.5879

■ 30.4384, 34.8265,
8.7829

■ 50.7398, 47.6679,
101.1343

■ 29.8639, 34.2286,
6.8920

■ 51.0017, 48.1918,
101.2216

■ 29.4187, 33.6863,
5.6708

■ 51.2661, 48.7207,
101.3098

■ 29.0787, 33.1899,
4.9914

■ 51.5331, 49.2545,
101.3987

Harmonies

Analogous

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



38.3893, 39.8760, 38.0227



37.3409, 39.8760, 38.0765



36.4585, 39.8760, 39.5173

Triad

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



37.3409, 39.8760, 38.0765



36.5132, 39.8760, 47.7385



39.9031, 39.8760, 44.8257

Complementary

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



37.3409, 39.8760, 38.0765



33.8494, 35.0052, 43.5012

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.



39.3809, 39.8760, 47.5677



37.3409, 39.8760, 38.0765



37.4168, 39.8760, 49.3014

Square

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



37.3409, 39.8760, 38.0765



35.9868, 39.8760, 45.0501



38.4666, 39.8760, 49.2375



39.8818, 39.8760, 41.8262

Rectangle

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



37.3409, 39.8760, 38.0765



36.0775, 39.8760, 41.1102



38.4666, 39.8760, 49.2375



39.7849, 39.8760, 45.8109

Sweetspot

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



37.3420, 39.8777, 38.0774



68.6477, 72.5197, 76.3072



35.2872, 35.6183, 37.8546



15.3169, 16.1772, 17.0545



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.



37.3420, 39.8777, 38.0774



66.4021, 71.1186, 66.0323



36.3737, 39.6570, 38.0858



8.6093, 9.2235, 8.5399



21.8807, 24.9668, 3.6658



0.6239, 0.7249, 0.1070

Inverse Universe

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



33.8494, 35.0052, 43.5012



58.9443, 60.7142, 77.6142



34.7678, 35.2252, 43.4953



7.6264, 7.8522, 10.0664



5.6673, 2.4684, 29.2223



0.1733, 0.0999, 0.8181

Previews

White Background



This preview shows how the XYZ color 37.3409, 39.8760, 38.0765 looks on a white background.

Color Contrast Check

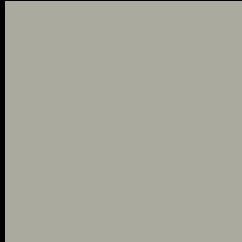
Large Text (above 18pt) WCAG AA × Fail

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 37.3409, 39.8760, 38.0765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

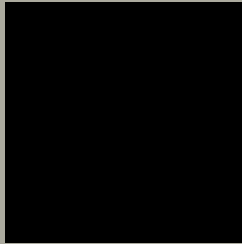
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3409, 39.8760, 38.0765

Background



This preview shows how black text looks on a background with the XYZ color 37.3409, 39.8760, 38.0765.



This preview shows how white text looks on a background with the XYZ color 37.3409, 39.8760,

38.0765.

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

37.3409, 39.8760, 38.0765

Protanopia

37.9530, 39.9242, 37.6041

Deuteranopia

40.5197, 39.8729, 38.3615



Tritanopia

39.5125, 39.9314, 48.8050

Trichromacy



Original Color

37.3409, 39.8760, 38.0765

Protanomaly

37.7293, 39.8089, 37.5936

Deuteranomaly

39.1856, 39.7207, 38.4024

Tritanomaly

38.6826, 39.8681, 44.6862

Monochromacy



Original Color

37.3409, 39.8760, 38.0765

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.5571, 39.6386, 41.2689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3409, 39.8760, 38.0765 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(171, 170, 158)` looks like.

```
.text, #text, p{  
    color:rgb(171, 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(171, 170, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 170, 158) }
```

Border

The CSS property to change the border of an element to XYZ 37.3409, 39.8760, 38.0765 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(171, 170, 158) }
```


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

```
.border{ border-color:rgb(171, 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(171, 170, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 170, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 170, 158); box-shadow:4px 4px 4px 4px rgb(171, 170, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3409, 39.8760, 38.0765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 170, 158) }
```

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

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