

Converting Colors

XYZ(37.9063, 38.5091, 44.2096)

Have a look what the booklet for
XYZ(37.9063, 38.5091, 44.2096)
contains.

XYZ(37.8597, 38.3754, 43.9399)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.8597, 38.3754,
43.9399)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA4AB
RGB	173, 164, 171
RGB Percent	68%, 64%, 67%
CMY	0.3216, 0.3568, 0.3294
CMYK	0.00, 0.05, 0.01, 0.32
HSL	313°, 5%, 66%
HSV	313°, 5%, 68%
XYZ	37.8597, 38.3754, 43.9399
YIQ	167.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

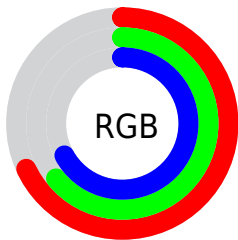
Format	Color
RYB	173, 164, 171
Decimal	11379883
CIELab	68.30, 4.54, -2.46
CIELCh	68, 5.164, 331.584
Yxy	38.3754, 0.3150, 0.3193
Android (android.graphics.Color)	4289569963 (0xFFADA4AB)
YUV	167.4890, 1.7309, 4.8331
Hunter-Lab	61.9479, 0.6822, 1.3089

Details

The XYZ color **37.8597, 38.3754, 43.9399** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1377, 40.5338, 41.9447**, and the grayscale version is **36.9608, 38.8856, 42.3465**.

A 20% lighter version of the original color is **71.0539, 72.6480, 82.2290**, and **17.0091, 16.9852, 19.8348** is the 20% darker color. If you saturate the color by 10%, you get **34.6110, 32.4556, 41.0752**, and if you desaturate by 10%, it is **41.5424, 45.1451, 47.0028**.

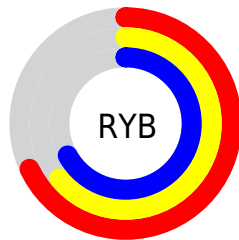
Distribution



Red (68%)

Green (64%)

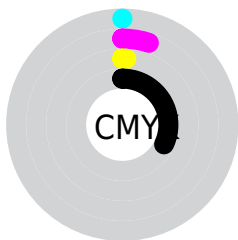
Blue (67%)



Red (68%)

Yellow (64%)

Blue (67%)

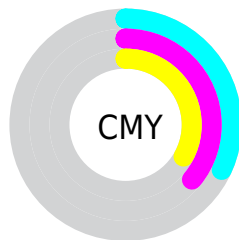


Cyan (0%)

Magenta (5%)

Yellow (1%)

Black (32%)



Cyan (32%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8597, 38.3754, 43.9399 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 37.8597, 38.3754, 43.9399 by changing the saturation by 10% instead.

■ 37.8597, 38.3754,
43.9399

■ 37.8597, 38.3754,
43.9399

328.3090,
339.2276, 378.4971

■ 26.0505, 26.2742,
30.2864

■ 71.1983, 72.6832,
82.4288

■ 16.9943, 17.0289,
19.8022

■ 93.4585, 95.6585,
108.1013

■ 10.3257, 10.2551,
12.0687

119.9331,
123.0273, 138.6172

■ 5.6794, 5.5684,
6.6674

150.9874,
155.1740, 174.3951

■ 2.6899, 2.5845,
3.1797

186.9867,
192.4830, 215.8535

■ 0.9920, 0.9189,
1.1871

228.2966,

■ 0.0000, 0.0000,

235.3387, 263.4110

0.0000

275.2822,
284.1254, 317.4860

■ 37.8597, 38.3754,
43.9399

■ 37.8597, 38.3754,
43.9399

■ 34.6110, 32.4556,
41.0752

■ 41.5424, 45.1451,
47.0028

■ 31.7761, 27.3470,
38.4001

■ 45.6718, 52.7916,
50.2673

■ 29.3379, 23.0150,
35.9090

■ 50.2643, 61.3468,
53.7395

■ 27.2770, 19.4209,
33.5950

■ 55.3343, 70.8395,
57.4248

■ 25.5721, 16.5225,
31.4504

■ 60.8956, 81.2973,
61.3283

■ 24.2000, 14.2733,
29.4672

■ 62.7396, 84.3027,
64.0474

■ 23.1346, 12.6213,
27.6360

■ 63.1774, 84.4778,
66.3529

■ 22.3457, 11.5062,
25.9465

■ 63.6265, 84.6574,
68.7177

■ 21.7959, 10.8534,
24.3855

■ 64.0869, 84.8416,
71.1422

Harmonies

Analogous

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



37.2953, 38.3754, 45.6946



37.8597, 38.3754, 43.9399



38.0515, 38.3754, 41.6613

Triad

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



37.8597, 38.3754, 43.9399



36.4317, 38.3754, 37.4882



35.1658, 38.3754, 44.1608

Complementary

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



37.8597, 38.3754, 43.9399



37.1377, 40.5338, 41.9447

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.



34.9420, 38.3754, 41.9075



37.8597, 38.3754, 43.9399



35.6662, 38.3754, 38.1036

Square

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



37.8597, 38.3754, 43.9399



37.2198, 38.3754, 37.9880



35.1238, 38.3754, 39.7004



35.7396, 38.3754, 45.8254

Rectangle

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



37.8597, 38.3754, 43.9399



37.9401, 38.3754, 40.1671



35.1238, 38.3754, 39.7004



35.0475, 38.3754, 43.4443

Sweetspot

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



37.8608, 38.3771, 43.9407



69.8083, 72.4010, 80.3923



36.5352, 37.6715, 44.8814



15.1868, 15.7635, 17.4844



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.



37.8608, 38.3771, 43.9407



67.2485, 67.7102, 78.2165



37.4438, 38.2103, 41.7449



8.4713, 8.5035, 9.8625



15.8721, 7.8114, 17.5037



0.4602, 0.2247, 0.5849

Inverse Universe

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



37.8608, 38.3771, 43.9407



67.2485, 67.7102, 78.2165



37.5530, 40.6999, 44.1313



8.4713, 8.5035, 9.8625



15.8721, 7.8114, 17.5037



0.4602, 0.2247, 0.5849

Previews

White Background



This preview shows how the XYZ color 37.8597, 38.3754, 43.9399 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 37.8597, 38.3754, 43.9399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

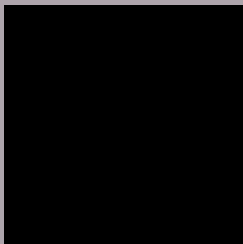
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

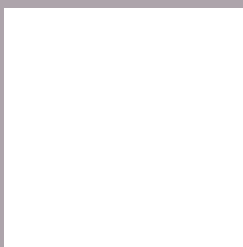
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.8597, 38.3754, 43.9399

Background



This preview shows how black text looks on a background with the XYZ color 37.8597, 38.3754, 43.9399.



This preview shows how white text looks on a background with the XYZ color 37.8597, 38.3754,

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

37.8597, 38.3754, 43.9399

Protanopia

37.2311, 38.5758, 44.5133

Deuteranopia

39.0137, 38.1716, 44.3413



Tritanopia

38.3892, 38.3276, 46.4489

Trichromacy



Original Color

37.8597, 38.3754, 43.9399

Protanomaly

37.4791, 38.4349, 44.4730

Deuteranomaly

38.4982, 38.1663, 44.3675

Tritanomaly

38.1927, 38.2490, 45.4142

Monochromacy



Original Color

37.8597, 38.3754, 43.9399

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.0663, 38.5346, 42.5301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8597, 38.3754, 43.9399 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(173, 164, 171)` looks like.

```
.text, #text, p{  
    color:rgb(173, 164, 171)  
}
```

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(173, 164, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 164, 171) }
```

Border

The CSS property to change the border of an element to XYZ 37.8597, 38.3754, 43.9399 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(173, 164, 171) }
```


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

```
.border{ border-color:rgb(173, 164, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 164, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 164, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 164, 171);  
box-shadow:4px 4px 4px 4px rgb(173, 164,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8597, 38.3754, 43.9399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 164, 171) }
```

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

```
.background{ background-color: rgb(173,  
164, 171) }
```

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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