

Converting Colors

XYZ(39.4072, 40.9103, 43.3561)

Have a look what the booklet for
XYZ(39.4072, 40.9103, 43.3561)
contains.

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Color

**XYZ(39.4407, 40.8441,
43.3411)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AAA9
RGB	176, 170, 169
RGB Percent	69%, 67%, 66%
CMY	0.3098, 0.3333, 0.3372
CMYK	0.00, 0.03, 0.04, 0.31
HSL	9°, 4%, 68%
HSV	9°, 4%, 69%
XYZ	39.4407, 40.8441, 43.3411
YIQ	171.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

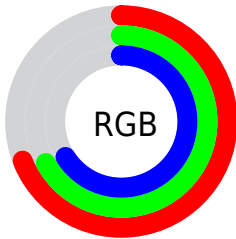
Format	Color
RYB	176, 170, 169
Decimal	11578025
CIELab	70.07, 1.96, 1.27
CIELCh	70, 2.338, 32.877
Yxy	40.8441, 0.3190, 0.3304
Android (android.graphics.Color)	4289768105 (0xFFB0AAA9)
YUV	171.6800, -1.3212, 3.7886
Hunter-Lab	63.9094, -1.6829, 4.5282

Details

The XYZ color **39.4407, 40.8441, 43.3411** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.5288, 42.2292, 47.1427**, and the grayscale version is **39.0570, 41.0910, 44.7481**.

A 20% lighter version of the original color is **73.6585, 76.3881, 81.3832**, and **18.0015, 18.5263, 19.4568** is the 20% darker color. If you saturate the color by 10%, you get **35.2323, 34.8955, 34.3278**, and if you desaturate by 10%, it is **44.1981, 47.5337, 53.6357**.

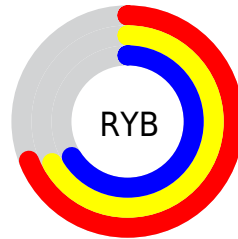
Distribution



Red (69%)

Green (67%)

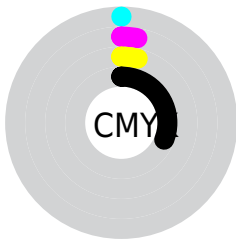
Blue (66%)



Red (69%)

Yellow (67%)

Blue (66%)

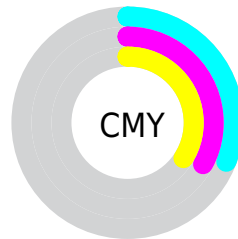


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4407, 40.8441, 43.3411 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 39.4407, 40.8441, 43.3411 by changing the saturation by 10% instead.

■ 39.4407, 40.8441,
43.3411

■ 39.4407, 40.8441,
43.3411

334.9355,
349.6686, 375.9750

■ 27.2850, 28.1973,
29.8195

■ 73.6008, 76.4472,
81.5172

■ 17.9251, 18.4744,
19.4507

■ 96.3360, 100.1722,
107.0088

■ 10.9956, 11.2911,
11.8163

123.3284,
128.3588, 137.3274

■ 6.1311, 6.2630,
6.4977

154.9433,
161.3913, 172.8915

■ 2.9664, 3.0057,
3.0764

191.5461,
199.6542, 214.1199

■ 1.1360, 1.1347,
1.1338

233.5022,

■ 0.0549, 0.0074,

243.5317, 261.4309

0.0000

281.1769,
293.4084, 315.2431

■ 0.0000, 0.0000,
0.0000

■ 39.4407, 40.8441,
43.3411

■ 39.4407, 40.8441,
43.3411

■ 35.2323, 34.8955,
34.3278

■ 44.1981, 47.5337,
53.6357

■ 31.5497, 29.6573,
26.5431

■ 49.5198, 54.9831,
65.2564

■ 28.3731, 25.1044,
19.9345

■ 55.4248, 63.2170,
78.2489

■ 25.6803, 21.2083,
14.4447

■ 61.9300, 72.2576,
92.6560

■ 23.4472, 17.9387,
10.0114

■ 68.7278, 81.9962,
106.8123

■ 21.6477, 15.2626,
6.5665

■ 71.7148, 87.9703,
107.8079

■ 20.2530, 13.1440,
4.0338

■ 19.2308, 11.5431,
2.3257

■ 18.5434, 10.4145,
1.3375

Harmonies

Analogous

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



39.5587, 40.8441, 44.3669



39.4407, 40.8441, 43.3411



39.1566, 40.8441, 42.6278

Triad

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



39.4407, 40.8441, 43.3411



38.1716, 40.8441, 43.5209



38.8579, 40.8441, 46.6046

Complementary

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



39.4407, 40.8441, 43.3411



39.5288, 42.2292, 47.1427

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.



38.4875, 40.8441, 46.3693



39.4407, 40.8441, 43.3411



38.0927, 40.8441, 44.5778

Square

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



39.4407, 40.8441, 43.3411



38.4241, 40.8441, 42.7304



38.2080, 40.8441, 45.6230



39.2208, 40.8441, 46.2609

Rectangle

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



39.4407, 40.8441, 43.3411



38.9122, 40.8441, 42.4192



38.2080, 40.8441, 45.6230



38.7302, 40.8441, 46.5906

Sweetspot

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



39.4418, 40.8459, 43.3420



73.9816, 77.5284, 83.8867



39.8376, 40.7045, 46.3496



16.0431, 16.8159, 18.2014



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.



39.4418, 40.8459, 43.3420



70.6374, 72.8164, 76.6788



40.0934, 42.1490, 43.5592



8.9619, 9.2186, 9.6730



13.4222, 7.3430, 0.7099



0.4530, 0.2924, 0.0326

Inverse Universe

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



39.5288, 42.2292, 47.1427



70.8376, 76.0021, 85.4316



38.8695, 40.9107, 46.9229



8.9899, 9.6644, 10.8979



13.8771, 18.5545, 32.9870



0.4649, 0.6404, 1.0473

Previews

White Background



This preview shows how the XYZ color 39.4407, 40.8441, 43.3411 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 39.4407, 40.8441, 43.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

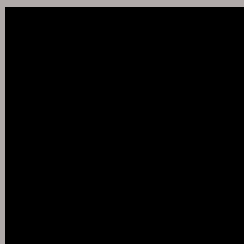
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

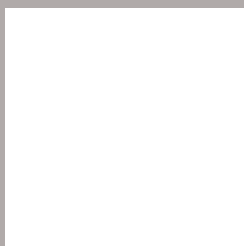
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4407, 40.8441, 43.3411

Background



This preview shows how black text looks on a background with the XYZ color 39.4407, 40.8441, 43.3411.



This preview shows how white text looks on a background with the XYZ color 39.4407, 40.8441,

43.3411.

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

39.4407, 40.8441, 43.3411

Protanopia

39.2154, 40.7280, 43.3305

Deuteranopia

41.6310, 40.8661, 43.7240



Tritanopia

40.7032, 40.8064, 49.4472

Trichromacy



Original Color

39.4407, 40.8441, 43.3411

Protanomaly

39.2154, 40.7280, 43.3305

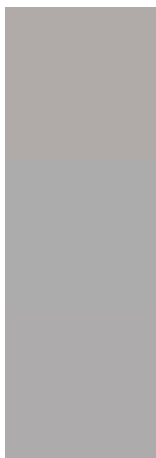
Deuteranomaly

40.8416, 40.7301, 43.7393

Tritanomaly

40.2552, 40.8974, 47.3673

Monochromacy



Original Color

39.4407, 40.8441, 43.3411

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.1472, 40.9503, 44.3690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4407, 40.8441, 43.3411 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, 170, 169)` looks like.

```
.text, #text, p{  
    color:rgb(176, 170, 169)  
}
```

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, 170, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 170, 169) }
```

Border

The CSS property to change the border of an element to XYZ 39.4407, 40.8441, 43.3411 is called "border". The border property can be set on classes, ids or directly on the HTML element.

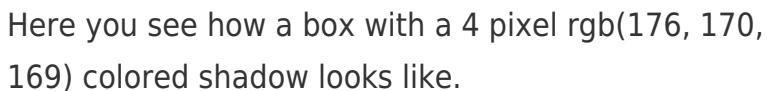
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 170, 169) }
```


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

```
.border{ border-color:rgb(176, 170, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 170, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 170, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 170, 169); box-shadow:4px 4px 4px 4px rgb(176, 170, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4407, 40.8441, 43.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 170, 169) }
```

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

```
.background{ background-color: rgb(176,  
170, 169) }
```

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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