

Converting Colors

XYZ(39.2700, 40.4300, 43.0572)

Have a look what the booklet for
XYZ(39.2700, 40.4300, 43.0572)
contains.

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Color

**XYZ(39.2539, 40.4706,
43.2788)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A9A9
RGB	176, 169, 169
RGB Percent	69%, 66%, 66%
CMY	0.3098, 0.3372, 0.3373
CMYK	0.00, 0.04, 0.04, 0.31
HSL	0°, 4%, 68%
HSV	0°, 4%, 69%
XYZ	39.2539, 40.4706, 43.2788
YIQ	171.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

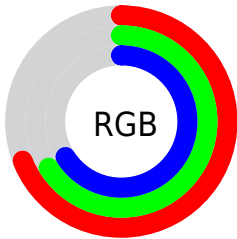
Format	Color
RYB	176, 169, 169
Decimal	11577769
CIELab	69.80, 2.51, 0.89
CIELCh	70, 2.660, 19.454
Yxy	40.4706, 0.3191, 0.3290
Android (android.graphics.Color)	4289767849 (0xFFB0A9A9)
YUV	171.0930, -1.0318, 4.3034
Hunter-Lab	63.6165, -1.1873, 4.1961

Details

The XYZ color **39.2539, 40.4706, 43.2788** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7240, 42.6197, 47.2076**, and the grayscale version is **38.7599, 40.7784, 44.4077**.

A 20% lighter version of the original color is **73.3889, 75.8489, 81.2933**, and **17.8844, 18.2920, 19.4177** is the 20% darker color. If you saturate the color by 10%, you get **34.6563, 33.7437, 34.1358**, and if you desaturate by 10%, it is **44.5166, 48.1708, 53.7418**.

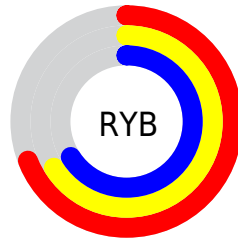
Distribution



Red (69%)

Green (66%)

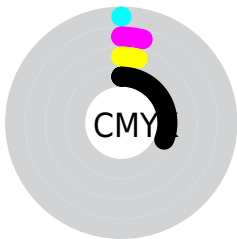
Blue (66%)



Red (69%)

Yellow (66%)

Blue (66%)

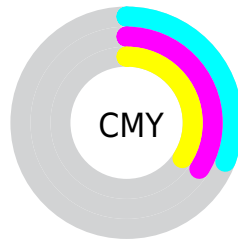


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (31%)



Cyan (31%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2539, 40.4706, 43.2788 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 39.2539, 40.4706, 43.2788 by changing the saturation by 10% instead.

■ 39.2539, 40.4706,
43.2788

■ 39.2539, 40.4706,
43.2788

334.1574,
348.1031, 375.7119

■ 27.1389, 27.9057,
29.7709

■ 73.3176, 75.8796,
81.4223

■ 17.8147, 18.2546,
19.4142

■ 95.9971, 99.4924,
106.8949

■ 10.9159, 11.1329,
11.7901

122.9287,
127.5567, 137.1929

■ 6.0772, 6.1563,
6.4801

154.4779,
160.4568, 172.7348

■ 2.9332, 2.9404,
3.0657

191.0100,
198.5771, 213.9391

■ 1.1185, 1.1007,
1.1283

232.8904,

■ 0.0405, 0.0000,

242.3019, 261.2244

0.0000

280.4844,
292.0158, 315.0091

■ 0.0000, 0.0000,
0.0000

■ 39.2539, 40.4706,
43.2788

■ 39.2539, 40.4706,
43.2788

■ 34.6563, 33.7437,
34.1358

■ 44.5166, 48.1708,
53.7418

■ 30.6941, 27.9462,
26.2579

■ 50.4659, 56.8752,
65.5716

■ 27.3404, 23.0390,
19.5903

■ 57.1263, 66.6201,
78.8159

■ 24.5651, 18.9780,
14.0730

■ 64.5203, 77.4382,
93.5193

■ 22.3355, 15.7154,
9.6409

■ 71.7147, 87.9702,
107.8079

■ 20.6157, 13.1986,
6.2225

■ 19.3654, 11.3688,
3.7379

■ 18.5383, 10.1582,
2.0949

■ 18.0788, 9.4854,
1.1826

Harmonies

Analogous

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



39.2877, 40.4706, 44.5020



39.2539, 40.4706, 43.2788



39.0081, 40.4706, 42.2842

Triad

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



39.2539, 40.4706, 43.2788



37.8389, 40.4706, 42.5386



38.3144, 40.4706, 46.4437

Complementary

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



39.2539, 40.4706, 43.2788



39.7240, 42.6197, 47.2076

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.



37.9291, 40.4706, 45.8964



39.2539, 40.4706, 43.2788



37.6560, 40.4706, 43.6320

Square

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



39.2539, 40.4706, 43.2788



38.1904, 40.4706, 41.8624



37.6889, 40.4706, 44.8619



38.7431, 40.4706, 46.3448

Rectangle

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



39.2539, 40.4706, 43.2788



38.7581, 40.4706, 41.8774



37.6889, 40.4706, 44.8619



38.1756, 40.4706, 46.3288

Sweetspot

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



39.2550, 40.4724, 43.2797



73.8918, 77.3487, 83.8568



39.9295, 40.7412, 46.8342



16.0247, 16.7790, 18.1953



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.



39.2550, 40.4724, 43.2797



70.2102, 71.9620, 76.5364



39.9144, 41.7910, 43.4995



8.9023, 9.0994, 9.6531



13.1376, 6.7738, 0.6150



0.4135, 0.2133, 0.0194

Inverse Universe

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



39.7240, 42.6197, 47.2076



71.2902, 76.9074, 85.5825



39.0471, 41.2659, 46.9820



9.0535, 9.7915, 10.9191



17.1301, 25.0606, 34.0713



0.5391, 0.7887, 1.0721

Previews

White Background



This preview shows how the XYZ color 39.2539, 40.4706, 43.2788 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 39.2539, 40.4706, 43.2788 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 39.2539, 40.4706, 43.2788

Background



This preview shows how black text looks on a background with the XYZ color 39.2539, 40.4706, 43.2788.

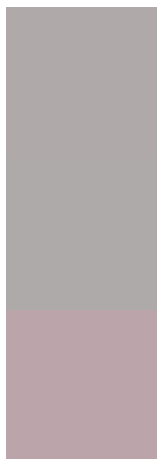


This preview shows how white text looks on a background with the XYZ color 39.2539, 40.4706,

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

39.2539, 40.4706, 43.2788

Protanopia

38.9917, 40.6127, 43.3201

Deuteranopia

41.2043, 40.3773, 43.6521



Tritanopia

40.4170, 40.3977, 48.8473

Trichromacy



Original Color

39.2539, 40.4706, 43.2788

Protanomaly

39.2154, 40.7280, 43.3305

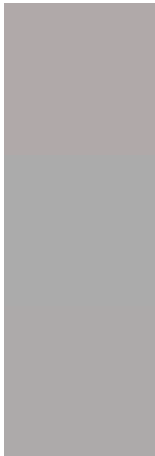
Deuteranomaly

40.4204, 40.2420, 43.6673

Tritanomaly

39.9706, 40.4870, 46.7824

Monochromacy



Original Color

39.2539, 40.4706, 43.2788

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.8640, 40.5360, 43.8061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2539, 40.4706, 43.2788 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, 169, 169)` looks like.

```
.text, #text, p{  
    color:rgb(176, 169, 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, 169, 169) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 39.2539, 40.4706, 43.2788 is called "border". The border property can be set on classes, ids or directly on the HTML element.

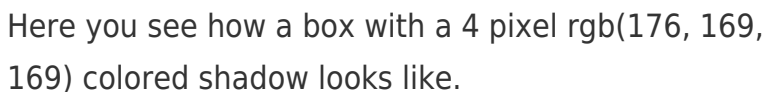
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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


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

```
.border{ border-color:rgb(176, 169, 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, 169, 169)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 39.2539, 40.4706, 43.2788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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