

Converting Colors

XYZ(39.0132, 38.0640, 40.2845)

Have a look what the booklet for
XYZ(39.0132, 38.0640, 40.2845)
contains.

XYZ(39.0388, 38.0123, 40.4015)	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(39.0388, 38.0123,
40.4015)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A0A4
RGB	184, 160, 164
RGB Percent	72%, 63%, 64%
CMY	0.2784, 0.3725, 0.3569
CMYK	0.00, 0.13, 0.11, 0.28
HSL	350°, 14%, 67%
HSV	350°, 13%, 72%
XYZ	39.0388, 38.0123, 40.4015
YIQ	167.6320, 13.0200, 6.3320

Conversions

Conversions Part 2

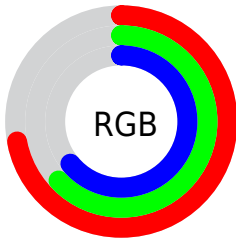
Format	Color
RYB	184, 160, 164
Decimal	12099748
CIELab	68.03, 9.47, 1.16
CIELCh	68, 9.543, 6.991
Yxy	38.0123, 0.3324, 0.3236
Android (android.graphics.Color)	4290289828 (0xFFB8A0A4)
YUV	167.6320, -1.7906, 14.3547
Hunter-Lab	61.6541, 5.1298, 4.3056

Details

The XYZ color **39.0388, 38.0123, 40.4015** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.8774, 45.0508, 49.7761**, and the grayscale version is **37.0440, 38.9732, 42.4418**.

A 20% lighter version of the original color is **73.0218, 72.2406, 77.1130**, and **17.7533, 16.9324, 17.6618** is the 20% darker color. If you saturate the color by 10%, you get **34.7797, 31.5782, 32.5561**, and if you desaturate by 10%, it is **43.9391, 45.4608, 49.2855**.

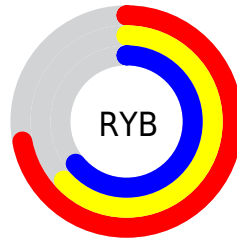
Distribution



Red (72%)

Green (63%)

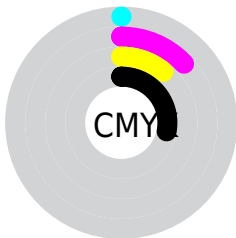
Blue (64%)



Red (72%)

Yellow (63%)

Blue (64%)

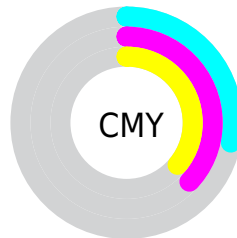


Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (37%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0388, 38.0123, 40.4015 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 39.0388, 38.0123, 40.4015 by changing the saturation by 10% instead.


 39.0388, 38.0123,
40.4015


 39.0388, 38.0123,
40.4015


333.2597,
337.6727, 363.4152

 26.9708, 25.9922,
27.5356


 72.9913, 72.1270,
77.0183

 17.6877, 16.8178,
17.7399


 95.6064, 94.9904,
101.6062

 10.8244, 10.1047,
10.5959


122.4680,
122.2371, 130.9385

 6.0153, 5.4684,
5.6851

153.9414,
154.2513, 165.4338

 2.8951, 2.5246,
2.5889

190.3919,
191.4177, 205.5106

 1.0985, 0.8889,
0.8867

232.1849,

 0.0239, 0.0000,

234.1204, 251.5874

0.0000

279.6857,
282.7440, 304.0827

■ 0.0000, 0.0000,
0.0000

■ 39.0388, 38.0123,
40.4015

■ 39.0388, 38.0123,
40.4015

■ 34.7797, 31.5782,
32.5561

■ 43.9391, 45.4608,
49.2855

■ 31.1322, 26.1097,
25.7089

■ 49.5025, 53.9596,
59.2418

■ 28.0687, 21.5616,
19.8203

■ 55.7537, 63.5492,
70.3054

■ 25.5586, 17.8832,
14.8472

■ 62.7152, 74.2663,
82.5092

■ 23.5683, 15.0186,
10.7430

■ 70.4085, 86.1460,
95.8845

■ 22.0604, 12.9057,
7.4572

■ 73.5773, 88.9304,
107.8951

■ 20.9926, 11.4731,
4.9337

■ 20.3146, 10.6356,
3.1091

■ 20.0100, 10.2875,
2.2030

Harmonies

Analogous

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



38.8223, 38.0123, 44.6688



39.0388, 38.0123, 40.4015



38.4588, 38.0123, 36.6605

Triad

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



39.0388, 38.0123, 40.4015



34.4384, 38.0123, 35.1941



35.0248, 38.0123, 49.3824

Complementary

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



39.0388, 38.0123, 40.4015



39.8774, 45.0508, 49.7761

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.



33.8963, 38.0123, 46.5074



39.0388, 38.0123, 40.4015



33.5643, 38.0123, 38.2737

Square

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



39.0388, 38.0123, 40.4015



35.7831, 38.0123, 33.7904



33.3686, 38.0123, 42.3923



36.4782, 38.0123, 50.0490

Rectangle

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



39.0388, 38.0123, 40.4015



37.7077, 38.0123, 34.9024



33.3686, 38.0123, 42.3923



34.5961, 38.0123, 48.6331

Sweetspot

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



39.0399, 38.0140, 40.4023



78.6856, 80.9385, 87.6028



40.0461, 38.3074, 50.6312



16.8124, 17.2193, 18.6137



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.0399, 38.0140, 40.4023



68.1539, 64.9496, 68.4485



40.1161, 40.7351, 39.0081



9.0640, 9.0360, 9.6845



13.8088, 7.0973, 1.6140



0.5059, 0.2578, 0.1573

Inverse Universe

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



39.0399, 38.0140, 40.4023



68.1539, 64.9496, 68.4485



38.6756, 41.9862, 51.4135



9.0640, 9.0360, 9.6845



13.8088, 7.0973, 1.6140



0.5059, 0.2578, 0.1573

Previews

White Background



This preview shows how the XYZ color 39.0388, 38.0123, 40.4015 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 39.0388, 38.0123, 40.4015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

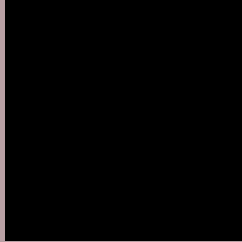
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0388, 38.0123, 40.4015

Background



This preview shows how black text looks on a background with the XYZ color 39.0388, 38.0123, 40.4015.



This preview shows how white text looks on a background with the XYZ color 39.0388, 38.0123,

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

39.0388, 38.0123, 40.4015

Protanopia

36.5786, 38.0251, 41.9709

Deuteranopia

38.9741, 38.2374, 40.4483



Tritanopia

39.7564, 38.0508, 43.7772

Trichromacy



Original Color

39.0388, 38.0123, 40.4015

Protanomaly

37.4357, 37.9462, 41.4277

Deuteranomaly

38.9741, 38.2374, 40.4483

Tritanomaly

39.4736, 37.9377, 42.2880

Monochromacy



Original Color

39.0388, 38.0123, 40.4015

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.8857, 38.6990, 42.0321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0388, 38.0123, 40.4015 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(184, 160, 164)` looks like.

```
.text, #text, p{  
    color:rgb(184, 160, 164)  
}
```

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(184, 160, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 160, 164) }
```

Border

The CSS property to change the border of an element to XYZ 39.0388, 38.0123, 40.4015 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(184, 160, 164) }
```


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

```
.border{ border-color:rgb(184, 160, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 160, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 160, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 160, 164);  
box-shadow:4px 4px 4px 4px rgb(184, 160,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0388, 38.0123, 40.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 160, 164) }
```

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

```
.background{ background-color: rgb(184,  
160, 164) }
```

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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