

Converting Colors

XYZ(40.2128, 39.2237, 40.2370)

Have a look what the booklet for
XYZ(40.2128, 39.2237, 40.2370)
contains.

XYZ(40.0247, 39.0498, 40.0782)	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(40.0247, 39.0498,
40.0782)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA2A3
RGB	187, 162, 163
RGB Percent	73%, 64%, 64%
CMY	0.2667, 0.3647, 0.3608
CMYK	0.00, 0.13, 0.13, 0.27
HSL	358°, 16%, 68%
HSV	358°, 13%, 73%
XYZ	40.0247, 39.0498, 40.0782
YIQ	169.5890, 14.5790, 5.6110

Conversions

Conversions Part 2

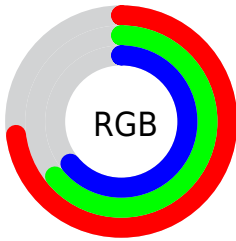
Format	Color
R_{YB}	187, 162, 163
Decimal	12296867
CIE Lab	68.79, 9.31, 2.85
CIE LCh	69, 9.736, 17.034
Yxy	39.0498, 0.3359, 0.3277
Android (android.graphics.Color)	4290486947 (0xFFBBA2A3)
YUV	169.5890, -3.2484, 15.2694
Hunter-Lab	62.4898, 4.9719, 5.7169

Details

The XYZ color **40.0247, 39.0498, 40.0782** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.5350, 46.7681, 53.2946**, and the grayscale version is **38.0154, 39.9952, 43.5548**.

A 20% lighter version of the original color is **74.4299, 73.7424, 76.6405**, and **18.2767, 17.3679, 17.4280** is the 20% darker color. If you saturate the color by 10%, you get **35.4764, 32.3471, 31.1808**, and if you desaturate by 10%, it is **45.2935, 46.8270, 50.3435**.

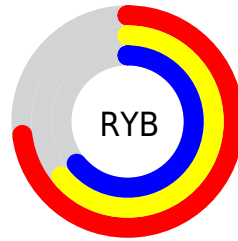
Distribution



Red (73%)

Green (64%)

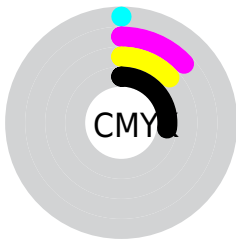
Blue (64%)



Red (73%)

Yellow (64%)

Blue (64%)

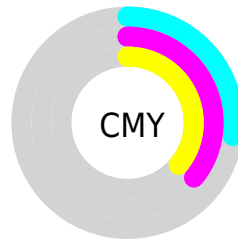


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0247, 39.0498, 40.0782 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 40.0247, 39.0498, 40.0782 by changing the saturation by 10% instead.


 40.0247, 39.0498,
40.0782


 40.0247, 39.0498,
40.0782


337.3603,
342.1022, 362.0150

 27.7421, 26.7985,
27.2853


 74.4852, 73.7144,
76.5210

 18.2708, 17.4219,
17.5533


 97.3939, 96.8964,
101.0079

 11.2454, 10.5358,
10.4636


124.5752,
124.4909, 130.2299

 6.3007, 5.7556,
5.5978

156.3947,
156.8820, 164.6055

 3.0712, 2.6971,
2.5373

193.2175,
194.4543, 204.5533

 1.1915, 0.9757,
0.8598

235.4092,

 0.0996, 0.0000,

237.5922, 250.4917

0.0000

283.3350,
286.6800, 302.8395

0.0000, 0.0000,
0.0000

40.0247, 39.0498,
40.0782

40.0247, 39.0498,
40.0782

35.4764, 32.3471,
31.1808

45.2935, 46.8270,
50.3435

31.6141, 26.6669,
23.5912

51.3087, 55.7176,
62.0284

28.4056, 21.9603,
17.2486

58.0990, 65.7648,
75.1850

25.8147, 18.1729,
12.0862

65.6906, 77.0080,
89.8620

23.8016, 15.2445,
8.0312

73.9472, 89.1623,
106.0520

■ 22.3221, 13.1079,
5.0026

■ 74.3037, 89.3049,
107.9291

■ 21.3254, 11.6859,
2.9084

■ 20.7508, 10.8860,
1.6401

■ 20.5345, 10.5812,
1.1742

Harmonies

Analogous

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



40.0820, 39.0498, 44.4533



40.0247, 39.0498, 40.0782



39.1743, 39.0498, 36.6001

Triad

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



40.0247, 39.0498, 40.0782



34.9871, 39.0498, 36.9874



36.4541, 39.0498, 51.3462

Complementary

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



40.0247, 39.0498, 40.0782



41.5350, 46.7681, 53.2946

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.



35.1304, 39.0498, 49.0430



40.0247, 39.0498, 40.0782



34.2994, 39.0498, 40.6408

Square

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



40.0247, 39.0498, 40.0782



36.2535, 39.0498, 34.9022



34.3511, 39.0498, 45.0561



37.9914, 39.0498, 51.1694

Rectangle

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



40.0247, 39.0498, 40.0782



38.2851, 39.0498, 35.1665



34.3511, 39.0498, 45.0561



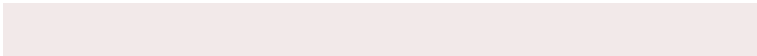
35.9703, 39.0498, 50.8300

Sweetspot

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



40.0258, 39.0515, 40.0790



80.4186, 82.8306, 88.8000



42.0801, 39.8381, 52.4857



17.5435, 17.9955, 19.2321



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



40.0258, 39.0515, 40.0790



69.1994, 66.2747, 66.9252



42.0078, 43.1579, 40.3008



9.5452, 9.5424, 9.9939



14.1548, 7.2931, 0.8427



0.5598, 0.2878, 0.0611

Inverse Universe

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



40.0258, 39.0515, 40.0790



69.1994, 66.2747, 66.9252



39.3478, 42.2234, 53.0902



9.5452, 9.5424, 9.9939



14.1548, 7.2931, 0.8427



0.5598, 0.2878, 0.0611

Previews

White Background



This preview shows how the XYZ color 40.0247, 39.0498, 40.0782 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 40.0247, 39.0498, 40.0782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

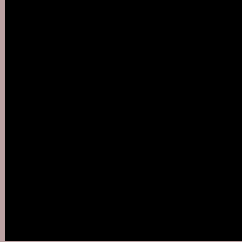
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0247, 39.0498, 40.0782

Background



This preview shows how black text looks on a background with the XYZ color 40.0247, 39.0498, 40.0782.



This preview shows how white text looks on a background with the XYZ color 40.0247, 39.0498,

40.0782.

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

40.0247, 39.0498, 40.0782

Protanopia

37.4962, 39.0485, 41.6372

Deuteranopia

39.7809, 38.9241, 40.0668



Tritanopia

40.8527, 38.8501, 44.8808

Trichromacy



Original Color

40.0247, 39.0498, 40.0782

Protanomaly

38.3781, 38.9740, 41.0973

Deuteranomaly

39.7809, 38.9241, 40.0668

Tritanomaly

40.6453, 39.0457, 42.9304

Monochromacy



Original Color

40.0247, 39.0498, 40.0782

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.6983, 39.6576, 42.1743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0247, 39.0498, 40.0782 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(187, 162, 163)` looks like.

```
.text, #text, p{  
    color:rgb(187, 162, 163)  
}
```

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(187, 162, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 162, 163) }
```

Border

The CSS property to change the border of an element to XYZ 40.0247, 39.0498, 40.0782 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(187, 162, 163) }
```


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

```
.border{ border-color:rgb(187, 162, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 162, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 162, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 162, 163);  
box-shadow:4px 4px 4px 4px rgb(187, 162,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0247, 39.0498, 40.0782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 162, 163) }
```

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

```
.background{ background-color: rgb(187,  
162, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor