

Converting Colors

XYZ(38.9415, 40.3648, 26.8608)

Have a look what the booklet for
XYZ(38.9415, 40.3648, 26.8608)
contains.

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Color

**XYZ(39.0182, 40.4358,
26.8675)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA882
RGB	189, 168, 130
RGB Percent	74%, 66%, 51%
CMY	0.2588, 0.3412, 0.4902
CMYK	0.00, 0.11, 0.31, 0.26
HSL	39°, 31%, 63%
HSV	39°, 31%, 74%
XYZ	39.0182, 40.4358, 26.8675
YIQ	169.9470, 24.7140, -7.3660

Conversions

Conversions Part 2

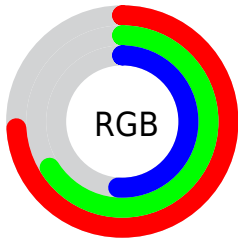
Format	Color
RYB	163, 189, 130
Decimal	12429442
CIELab	69.78, 1.87, 22.45
CIELCh	70, 22.527, 85.246
Yxy	40.4358, 0.3670, 0.3803
Android (android.graphics.Color)	4290619522 (0xFFBDA882)
YUV	169.9470, -19.6939, 16.7095
Hunter-Lab	63.5892, -1.7537, 19.4614

Details

The XYZ color **39.0182, 40.4358, 26.8675** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.4576, 30.5523, 52.4889**, and the grayscale version is **38.2694, 40.2624, 43.8457**.

A 20% lighter version of the original color is **72.9410, 75.7871, 55.5837**, and **17.6850, 18.2209, 10.1743** is the 20% darker color. If you saturate the color by 10%, you get **36.6549, 37.5562, 20.3854**, and if you desaturate by 10%, it is **41.6809, 43.5408, 34.6000**.

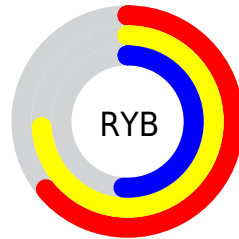
Distribution



Red (74%)

Green (66%)

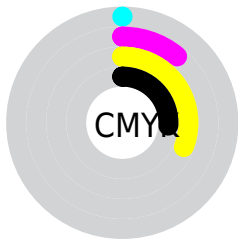
Blue (51%)



Red (64%)

Yellow (74%)

Blue (51%)

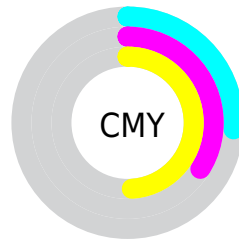


Cyan (0%)

Magenta (11%)

Yellow (31%)

Black (26%)



Cyan (26%)

Magenta (34%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0182, 40.4358, 26.8675 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 39.0182, 40.4358, 26.8675 by changing the saturation by 10% instead.


 39.0182, 40.4358,
26.8675


 39.0182, 40.4358,
26.8675


333.1737,
347.9570, 300.7549


 26.9547, 27.8785,
17.2422


 72.9600, 75.8267,
55.6723

 17.6756, 18.2341,
10.2435


 95.5690, 99.4290,
75.6889

 10.8156, 11.1182,
5.4530


 122.4239,
127.4819, 100.0063

 6.0094, 6.1464,
2.4521

153.8900,
160.3696, 129.0431

 2.8915, 2.9343,
0.8146

190.3326,
198.4766, 163.2178

 1.0966, 1.0975,
0.0000

232.1172,

 0.0223, 0.0000,

242.1872, 202.9490

0.0000

279.6091,
291.8859, 248.6552

■ 0.0000, 0.0000,
0.0000

■ 39.0182, 40.4358,
26.8675

■ 39.0182, 40.4358,
26.8675

■ 36.6549, 37.5562,
20.3854

■ 41.6809, 43.5408,
34.6000

■ 34.5741, 34.8893,
15.0835

■ 44.6526, 46.8723,
43.6428

■ 32.7618, 32.4296,
10.8887

■ 47.9463, 50.4383,
54.0549

■ 31.2015, 30.1687,
7.7183

■ 51.5731, 54.2448,
65.8912

■ 29.8743, 28.0974,
5.4782

■ 55.5438, 58.2974,
79.2033

■ 28.7580, 26.2053,
4.0565

■ 59.8685, 62.6016,
94.0403

■ 27.9143, 24.6747,
3.2914

■ 63.3586, 66.6833,
104.1396

■ 65.1076, 70.1813,
104.7226

■ 66.9278, 73.8217,
105.3293

Harmonies

Analogous

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



42.5783, 40.4358, 29.4803



39.0182, 40.4358, 26.8675



35.5140, 40.4358, 28.2224

Triad

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



39.0182, 40.4358, 26.8675



32.4228, 40.4358, 53.1780



44.4985, 40.4358, 56.5213

Complementary

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



39.0182, 40.4358, 26.8675



29.4576, 30.5523, 52.4889

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.



41.5077, 40.4358, 64.8472



39.0182, 40.4358, 26.8675



34.5659, 40.4358, 62.7124

Square

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



39.0182, 40.4358, 26.8675



31.8487, 40.4358, 42.3812



37.8537, 40.4358, 67.2748



45.8675, 40.4358, 45.7163

Rectangle

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



39.0182, 40.4358, 26.8675



33.6571, 40.4358, 31.3275



37.8537, 40.4358, 67.2748



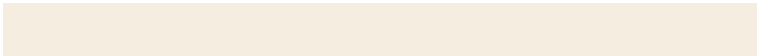
43.6406, 40.4358, 59.7662

Sweetspot

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



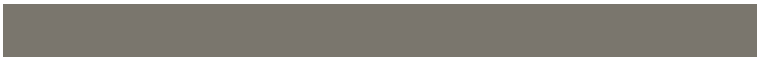
39.0192, 40.4377, 26.8683



81.1470, 85.2367, 81.8236



34.6068, 29.0396, 33.3302



17.2721, 18.1345, 17.0399



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.



39.0192, 40.4377, 26.8683



67.1234, 69.0882, 40.4673



41.3145, 47.8470, 28.1775



10.0288, 10.5336, 10.0813



18.8557, 16.7502, 2.2393



0.7982, 0.7753, 0.1076

Inverse Universe

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



29.4576, 30.5523, 52.4889



47.4753, 48.7829, 93.1400



27.6276, 25.0318, 51.5198



9.2869, 9.7661, 12.0678



7.6071, 5.3259, 33.0200



0.3605, 0.3336, 1.3143

Previews

White Background



This preview shows how the XYZ color 39.0182, 40.4358, 26.8675 looks on a white background.

Color Contrast Check

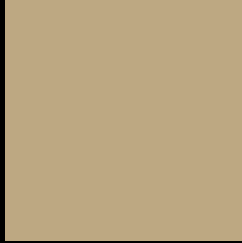
Large Text (above 18pt) WCAG AA × Fail

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 39.0182, 40.4358, 26.8675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

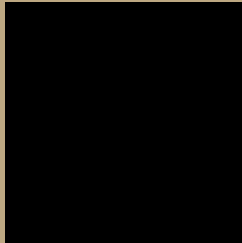
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0182, 40.4358, 26.8675

Background



This preview shows how black text looks on a background with the XYZ color 39.0182, 40.4358, 26.8675.



This preview shows how white text looks on a background with the XYZ color 39.0182, 40.4358,

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

39.0182, 40.4358, 26.8675

Protanopia

37.7629, 40.3332, 27.2675

Deuteranopia

41.1916, 40.4690, 27.1130



Tritanopia

42.9063, 40.4051, 46.0950

Trichromacy



Original Color

39.0182, 40.4358, 26.8675

Protanomaly

38.2923, 40.3289, 27.2388

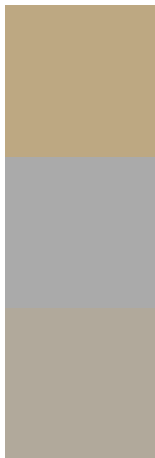
Deuteranomaly

40.3168, 40.2847, 27.1235

Tritanomaly

41.2717, 40.2606, 38.3967

Monochromacy



Original Color

39.0182, 40.4358, 26.8675

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.2358, 40.0896, 36.7332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0182, 40.4358, 26.8675 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(189, 168, 130)` looks like.

```
.text, #text, p{  
    color:rgb(189, 168, 130)  
}
```

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(189, 168, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 168, 130) }
```

Border

The CSS property to change the border of an element to XYZ 39.0182, 40.4358, 26.8675 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(189, 168, 130) }
```


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

```
.border{ border-color:rgb(189, 168, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 168, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 168, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 168, 130);  
box-shadow:4px 4px 4px 4px rgb(189, 168,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0182, 40.4358, 26.8675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 168, 130) }
```

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

```
.background{ background-color: rgb(189,  
168, 130) }
```

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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