

Converting Colors

XYZ(39.2292, 40.1374, 35.9046)

Have a look what the booklet for
XYZ(39.2292, 40.1374, 35.9046)
contains.

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Color

**XYZ(39.0969, 40.0046,
35.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A799
RGB	183, 167, 153
RGB Percent	72%, 65%, 60%
CMY	0.2824, 0.3451, 0.4000
CMYK	0.00, 0.09, 0.16, 0.28
HSL	28°, 17%, 66%
HSV	28°, 16%, 72%
XYZ	39.0969, 40.0046, 35.7980
YIQ	170.1880, 14.0300, -0.9620

Conversions

Conversions Part 2

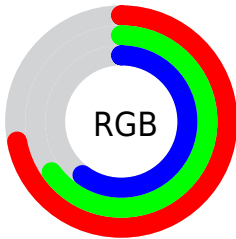
Format	Color
RYB	183, 179, 153
Decimal	12035993
CIELab	69.47, 3.44, 9.33
CIELCh	69, 9.942, 69.783
Yxy	40.0046, 0.3403, 0.3482
Android (android.graphics.Color)	4290226073 (0xFFB7A799)
YUV	170.1880, -8.4737, 11.2361
Hunter-Lab	63.2492, -0.3480, 10.7173

Details

The XYZ color **39.0969, 40.0046, 35.7980** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8719, 38.5663, 50.3534**, and the grayscale version is **38.3392, 40.3358, 43.9257**.

A 20% lighter version of the original color is **72.9804, 75.0983, 69.6804**, and **17.7349, 17.9666, 15.1035** is the 20% darker color. If you saturate the color by 10%, you get **35.9795, 36.0057, 27.8650**, and if you desaturate by 10%, it is **42.5833, 44.3696, 44.9986**.

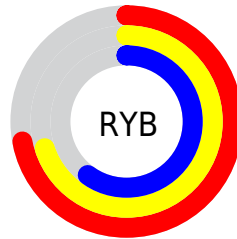
Distribution



Red (72%)

Green (65%)

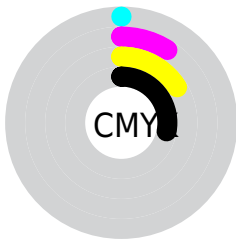
Blue (60%)



Red (72%)

Yellow (70%)

Blue (60%)

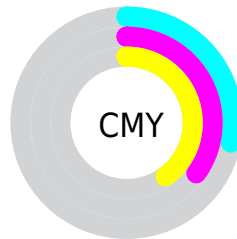


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (28%)



Cyan (28%)

Magenta (35%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0969, 40.0046, 35.7980 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 39.0969, 40.0046, 35.7980 by changing the saturation by 10% instead.


 39.0969, 40.0046,
35.7980

 39.0969, 40.0046,
35.7980


333.5024,
346.1430, 343.0874

 27.0162, 27.5421,
23.9898


 73.0794, 75.1705,
69.8857

 17.7220, 17.9808,
15.1139


 95.7120, 98.6428,
93.0023

 10.8491, 10.9362,
8.7519

122.5925,
126.5537, 120.7253

 6.0320, 6.0239,
4.4851

154.0864,
159.2878, 153.4735

 2.9054, 2.8596,
1.8951

190.5589,
197.2293, 191.6652

 1.1039, 1.0589,
0.4896

232.3756,

 0.0284, 0.0000,

240.7628, 235.7191

0.0000

279.9016,
290.2725, 286.0537

■ 0.0000, 0.0000,
0.0000

■ 39.0969, 40.0046,
35.7980

■ 39.0969, 40.0046,
35.7980

■ 35.9795, 36.0057,
27.8650

■ 42.5833, 44.3696,
44.9986

■ 33.2142, 32.3575,
21.1406

■ 46.4480, 49.1050,
55.5172

■ 30.7879, 29.0510,
15.5650

■ 50.7043, 54.2220,
67.4044

■ 28.6849, 26.0750,
11.0720

■ 55.3636, 59.7293,
80.7075

■ 26.8883, 23.4173,
7.5888

■ 60.4370, 65.6356,
95.4713

■ 25.3793, 21.0651,
5.0332

■ 64.6531, 71.4364,
104.9888

■ 24.1364, 19.0040,
3.3101

■ 67.3755, 76.8813,
105.8962

■ 23.1323, 17.2169,
2.2935

■ 70.2513, 82.6328,
106.8548

■ 22.8104, 16.6310,
2.0079

■ 73.2828, 88.6957,
107.8653

Harmonies

Analogous

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



40.4382, 40.0046, 38.1570



39.0969, 40.0046, 35.7980



37.5025, 40.0046, 35.4352

Triad

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



39.0969, 40.0046, 35.7980



35.0696, 40.0046, 45.0735



40.0271, 40.0046, 50.6904

Complementary

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



39.0969, 40.0046, 35.7980



35.8719, 38.5663, 50.3534

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.



38.5486, 40.0046, 52.8365



39.0969, 40.0046, 35.7980



35.7063, 40.0046, 49.4465

Square

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



39.0969, 40.0046, 35.7980



35.2070, 40.0046, 40.5821



36.9693, 40.0046, 52.3659



40.9856, 40.0046, 46.6764

Rectangle

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



39.0969, 40.0046, 35.7980



36.5145, 40.0046, 36.3460



36.9693, 40.0046, 52.3659



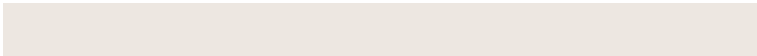
39.5728, 40.0046, 51.6665

Sweetspot

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



39.0980, 40.0064, 35.7988



77.1334, 80.5378, 82.9235



38.0815, 35.7148, 42.4231



16.9336, 17.6613, 18.0388



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.



39.0980, 40.0064, 35.7988



67.7473, 68.7527, 58.2548



42.0065, 45.8234, 36.7684



9.3409, 9.6847, 9.4839



15.9803, 11.7369, 1.4232



0.6254, 0.5378, 0.0708

Inverse Universe

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



35.8719, 38.5663, 50.3534



60.7764, 65.6404, 89.7023



33.2402, 33.3029, 49.4762



8.9069, 9.4910, 11.4419



9.0515, 8.5626, 32.4288



0.3804, 0.4245, 1.1636

Previews

White Background



This preview shows how the XYZ color 39.0969, 40.0046, 35.7980 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 39.0969, 40.0046, 35.7980 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

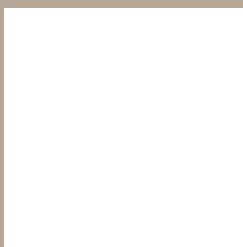
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0969, 40.0046, 35.7980

Background



This preview shows how black text looks on a background with the XYZ color 39.0969, 40.0046, 35.7980.



This preview shows how white text looks on a background with the XYZ color 39.0969, 40.0046,

35.7980.

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

39.0969, 40.0046, 35.7980

Protanopia

37.9252, 39.9391, 36.2820

Deuteranopia

40.8464, 40.0905, 36.1572



Tritanopia

41.3616, 40.1246, 46.6391

Trichromacy



Original Color

39.0969, 40.0046, 35.7980

Protanomaly

38.4258, 39.9221, 36.2523

Deuteranomaly

40.2741, 40.0622, 36.1819

Tritanomaly

40.5306, 40.0517, 42.6403

Monochromacy



Original Color

39.0969, 40.0046, 35.7980

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.5680, 40.1702, 40.8428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0969, 40.0046, 35.7980 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(183, 167, 153)` looks like.

```
.text, #text, p{  
    color:rgb(183, 167, 153)  
}
```

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(183, 167, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 167, 153) }
```

Border

The CSS property to change the border of an element to XYZ 39.0969, 40.0046, 35.7980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

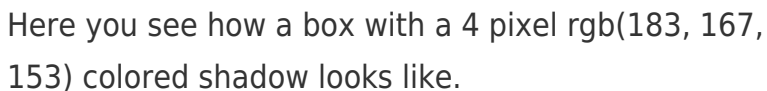
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 167, 153) }
```


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

```
.border{ border-color:rgb(183, 167, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 167, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 167, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 167, 153); box-shadow:4px 4px 4px 4px rgb(183, 167, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0969, 40.0046, 35.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 167, 153) }
```

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

```
.background{ background-color: rgb(183,  
167, 153) }
```

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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