

Converting Colors

XYZ(39.0257, 36.2217, 40.1739)

Have a look what the booklet for
XYZ(39.0257, 36.2217, 40.1739)
contains.

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Color

**XYZ(39.0783, 36.2816,
40.0654)**

Conversions

Conversions Part 1

Format	Color
Hex	BD99A4
RGB	189, 153, 164
RGB Percent	74%, 60%, 64%
CMY	0.2588, 0.4000, 0.3569
CMYK	0.00, 0.19, 0.13, 0.26
HSL	342°, 21%, 67%
HSV	342°, 19%, 74%
XYZ	39.0783, 36.2816, 40.0654
YIQ	165.0180, 17.9250, 11.0530

Conversions

Conversions Part 2

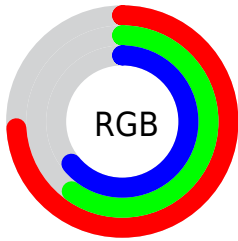
Format	Color
R _Y B	189, 153, 164
Decimal	12425636
CIE Lab	66.73, 15.18, -0.67
CIE LCh	67, 15.195, 357.465
Yxy	36.2816, 0.3386, 0.3143
Android (android.graphics.Color)	4290615716 (0xFFBD99A4)
YUV	165.0180, -0.5019, 21.0322
Hunter-Lab	60.2342, 10.3960, 2.7266

Details

The XYZ color **39.0783, 36.2816, 40.0654** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.3717, 46.3827, 48.9992**, and the grayscale version is **35.7699, 37.6328, 40.9821**.

A 20% lighter version of the original color is **73.1050, 69.3330, 76.5474**, and **17.6677, 15.8235, 17.4523** is the 20% darker color. If you saturate the color by 10%, you get **35.1017, 30.1283, 33.1902**, and if you desaturate by 10%, it is **43.6693, 43.4671, 47.7499**.

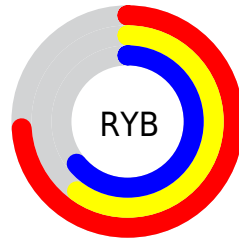
Distribution



Red (74%)

Green (60%)

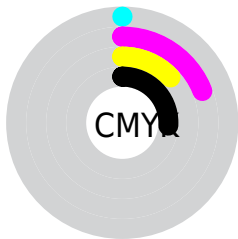
Blue (64%)



Red (74%)

Yellow (60%)

Blue (64%)

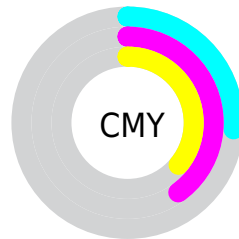


Cyan (0%)

Magenta (19%)

Yellow (13%)

Black (26%)



Cyan (26%)


Magenta (40%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0783, 36.2816, 40.0654 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 39.0783, 36.2816, 40.0654 by changing the saturation by 10% instead.


 39.0783, 36.2816,
40.0654


 39.0783, 36.2816,
40.0654

333.4247,
330.1897, 361.9594

 27.0016, 24.6518,
27.2754


 73.0512, 69.4665,
76.5013

 17.7111, 15.8178,
17.5459


 95.6782, 91.7903,
100.9842

 10.8412, 9.3953,
10.4584


122.5527,
118.4476, 130.2018

 6.0266, 4.9999,
5.5944

154.0400,
149.8228, 164.5727

 2.9021, 2.2472,
2.5353

190.5055,
186.3001, 204.5153

 1.1022, 0.7456,
0.8588

232.3145,

 0.0270, 0.0000,

228.2642, 250.4483

0.0000

279.8325,
276.0992, 302.7902

■ 0.0000, 0.0000,
0.0000

■ 39.0783, 36.2816,
40.0654

■ 39.0783, 36.2816,
40.0654

■ 35.1017, 30.1283,
33.1902

■ 43.6693, 43.4671,
47.7499

■ 31.7097, 24.9547,
27.0950

■ 48.8966, 51.7242,
56.2672

■ 28.8747, 20.7113,
21.7517

■ 54.7850, 61.0963,
65.6428

■ 26.5653, 17.3421,
17.1298

■ 61.3567, 71.6231,
75.9000

■ 24.7471, 14.7850,
13.1966

■ 68.6331, 83.3421,
87.0616

■ 23.3813, 12.9697,
9.9163

■ 72.8876, 88.7954,
97.9004

■ 22.4227, 11.8138,
7.2496

■ 74.7964, 89.5589,
107.9521

■ 21.7952, 11.1737,
5.1445

■ 21.7435, 11.1217,
4.9689

Harmonies

Analogous

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



38.3358, 36.2816, 46.6902



39.0783, 36.2816, 40.0654



38.5454, 36.2816, 33.9635

Triad

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



39.0783, 36.2816, 40.0654



32.4913, 36.2816, 29.3287



32.1679, 36.2816, 51.1317

Complementary

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



39.0783, 36.2816, 40.0654



39.3717, 46.3827, 48.9992

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.



30.7195, 36.2816, 45.6176



39.0783, 36.2816, 40.0654



30.9003, 36.2816, 33.0967

Square

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



39.0783, 36.2816, 40.0654



34.6799, 36.2816, 28.1873



30.2657, 36.2816, 38.9488



34.2900, 36.2816, 53.5058

Rectangle

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



39.0783, 36.2816, 40.0654



37.5512, 36.2816, 30.9133



30.2657, 36.2816, 38.9488



31.5897, 36.2816, 49.5560

Sweetspot

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



39.0793, 36.2832, 40.0662



80.8520, 82.0075, 89.8616



38.8462, 35.8761, 53.0218



17.2598, 17.4350, 19.1160



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.



39.0793, 36.2832, 40.0662



66.7796, 59.9967, 66.2603



39.2388, 38.1234, 35.4294



9.6469, 9.5831, 10.5298



14.6599, 7.4951, 3.5028



0.6043, 0.3056, 0.2956

Inverse Universe

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



39.0793, 36.2832, 40.0662



66.7796, 59.9967, 66.2603



39.1334, 44.0674, 54.5877



9.6469, 9.5831, 10.5298



14.6599, 7.4951, 3.5028



0.6043, 0.3056, 0.2956

Previews

White Background



This preview shows how the XYZ color 39.0783, 36.2816, 40.0654 looks on a white background.

Color Contrast Check

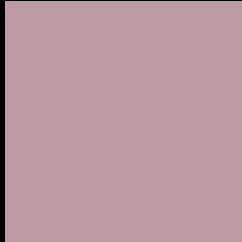
Large Text (above 18pt) WCAG AA × Fail

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 39.0783, 36.2816, 40.0654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

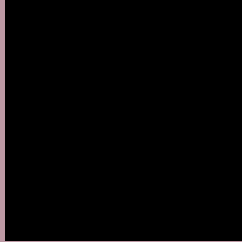
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0783, 36.2816, 40.0654

Background



This preview shows how black text looks on a background with the XYZ color 39.0783, 36.2816, 40.0654.



This preview shows how white text looks on a background with the XYZ color 39.0783, 36.2816,

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

39.0783, 36.2816, 40.0654

Protanopia

35.3916, 36.5977, 42.7349

Deuteranopia

37.0279, 36.2233, 39.6905



Tritanopia

39.1690, 36.3179, 40.5429

Trichromacy



Original Color

39.0783, 36.2816, 40.0654

Protanomaly

36.6068, 36.4705, 41.6693

Deuteranomaly

37.7907, 36.3664, 39.6780

Tritanomaly

39.1690, 36.3179, 40.5429

Monochromacy



Original Color

39.0783, 36.2816, 40.0654

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.9920, 37.2050, 40.8289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0783, 36.2816, 40.0654 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, 153, 164)` looks like.

```
.text, #text, p{  
    color:rgb(189, 153, 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(189, 153, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 153, 164) }
```

Border

The CSS property to change the border of an element to XYZ 39.0783, 36.2816, 40.0654 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, 153, 164) }
```


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

```
.border{ border-color:rgb(189, 153, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 153, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 153, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 153, 164);  
box-shadow:4px 4px 4px 4px rgb(189, 153,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0783, 36.2816, 40.0654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 153, 164) }
```

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

```
.background{ background-color: rgb(189,  
153, 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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