

Converting Colors

XYZ(39.3485, 38.4960, 35.5709)

Have a look what the booklet for
XYZ(39.3485, 38.4960, 35.5709)
contains.

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Color

**XYZ(39.4809, 38.6085,
35.5083)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA199
RGB	189, 161, 153
RGB Percent	74%, 63%, 60%
CMY	0.2588, 0.3686, 0.4000
CMYK	0.00, 0.15, 0.19, 0.26
HSL	13°, 21%, 67%
HSV	13°, 19%, 74%
XYZ	39.4809, 38.6085, 35.5083
YIQ	168.4600, 19.2560, 3.4480

Conversions

Conversions Part 2

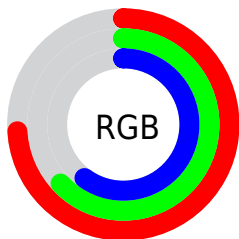
Format	Color
R_{YB}	189, 163, 153
Decimal	12427673
CIE _{Lab}	68.47, 8.99, 7.97
CIE _{LCh}	68, 12.010, 41.566
Yxy	38.6085, 0.3476, 0.3399
Android (android.graphics.Color)	4290617753 (0xFFBDA199)
YUV	168.4600, -7.6218, 18.0136
Hunter-Lab	62.1357, 4.6809, 9.6130

Details

The XYZ color **39.4809, 38.6085, 35.5083** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.8457, 43.4930, 54.4920**, and the grayscale version is **37.4762, 39.4279, 42.9369**.

A 20% lighter version of the original color is **73.8244, 73.2096, 69.2714**, and **17.8586, 17.0475, 14.9196** is the 20% darker color. If you saturate the color by 10%, you get **35.6227, 33.1954, 27.1211**, and if you desaturate by 10%, it is **43.8904, 44.7279, 45.3001**.

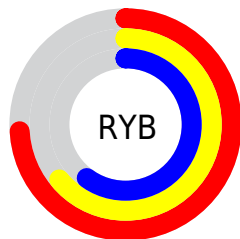
Distribution



Red (74%)

Green (63%)

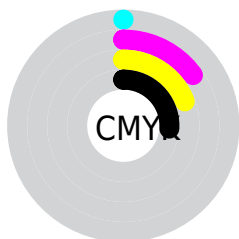
Blue (60%)



Red (74%)

Yellow (64%)

Blue (60%)

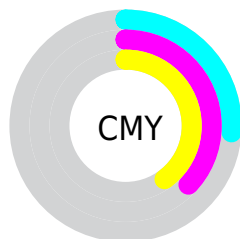


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (26%)



Cyan (26%)


Magenta (37%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4809, 38.6085, 35.5083 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 39.4809, 38.6085, 35.5083 by changing the saturation by 10% instead.


 39.4809, 38.6085,
35.5083


 39.4809, 38.6085,
35.5083


335.1028,
340.2231, 341.7785

 27.3164, 26.4553,
23.7680


 73.6618, 73.0399,
69.4329

 17.9488, 17.1646,
14.9510


 96.4089, 96.0868,
92.4544

 11.0127, 10.3519,
8.6388


123.4143,
123.5338, 120.0732

 6.1428, 5.6329,
4.4127

155.0433,
155.7652, 152.7081

 2.9736, 2.6232,
1.8544

191.6613,
193.1655, 190.7776

 1.1398, 0.9383,
0.4635

233.6337,

 0.0580, 0.0000,

236.1189, 234.7001

0.0000

281.3257,
285.0100, 284.8942

■ 0.0000, 0.0000,
0.0000

■ 39.4809, 38.6085,
35.5083

■ 39.4809, 38.6085,
35.5083

■ 35.6227, 33.1954,
27.1211

■ 43.8904, 44.7279,
45.3001

■ 32.2908, 28.4579,
20.0714

■ 48.8689, 51.5725,
56.5545

■ 29.4625, 24.3707,
14.2903

■ 54.4370, 59.1671,
69.3291

■ 27.1124, 20.9050,
9.7017

■ 60.6136, 67.5336,
83.6779

■ 25.2129, 18.0295,
6.2213

■ 67.4163, 76.6932,
99.6519

■ 23.7331, 15.7104,
3.7536

■ 72.9717, 85.9096,
107.3439

■ 22.6380, 13.9100,
2.1868

■ 74.7964, 89.5589,
107.9521

■ 21.8755, 12.5813,
1.3272

■ 21.8150, 12.4762,
1.2584

Harmonies

Analogous

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



40.3702, 38.6085, 39.9871



39.4809, 38.6085, 35.5083



37.8566, 38.6085, 32.9232

Triad

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



39.4809, 38.6085, 35.5083



33.3577, 38.6085, 38.8344



37.4292, 38.6085, 53.0727

Complementary

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



39.4809, 38.6085, 35.5083



38.8457, 43.4930, 54.4920

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.



35.5598, 38.6085, 52.6969



39.4809, 38.6085, 35.5083



33.2522, 38.6085, 44.1580

Square

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



39.4809, 38.6085, 35.5083



34.3391, 38.6085, 34.7269



34.0457, 38.6085, 49.3230



39.1588, 38.6085, 50.3096

Rectangle

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



39.4809, 38.6085, 35.5083



36.5971, 38.6085, 32.4751



34.0457, 38.6085, 49.3230



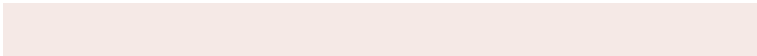
36.7956, 38.6085, 53.3152

Sweetspot

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



39.4819, 38.6102, 35.5091



81.1310, 83.5878, 86.8034



40.7389, 36.9462, 48.8082



17.3256, 17.8081, 18.3937



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.



39.4819, 38.6102, 35.5091



67.6070, 64.8086, 56.8038



42.8164, 45.2792, 36.6206



9.6976, 9.8712, 9.9708



14.7257, 8.4902, 0.8626



0.6269, 0.4328, 0.0505

Inverse Universe

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



38.8457, 43.4930, 54.4920



66.2484, 75.2070, 97.2509



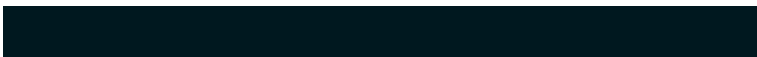
35.4554, 36.7124, 53.3618



9.6238, 10.4399, 12.1801



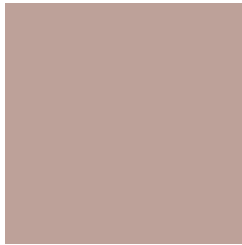
13.2569, 16.6256, 34.9032



0.5645, 0.7418, 1.3823

Previews

White Background



This preview shows how the XYZ color 39.4809, 38.6085, 35.5083 looks on a white background.

Color Contrast Check

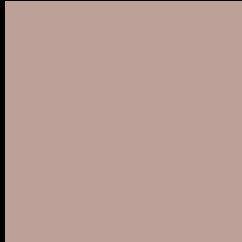
Large Text (above 18pt) WCAG AA × Fail

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 39.4809, 38.6085, 35.5083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

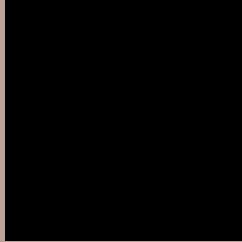
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4809, 38.6085, 35.5083

Background



This preview shows how black text looks on a background with the XYZ color 39.4809, 38.6085, 35.5083.



This preview shows how white text looks on a background with the XYZ color 39.4809, 38.6085,

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

39.4809, 38.6085, 35.5083

Protanopia

36.8705, 38.5570, 36.9514

Deuteranopia

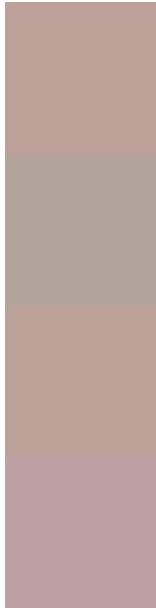
39.2337, 38.4810, 35.4967



Tritanopia

41.0634, 38.4704, 43.7893

Trichromacy



Original Color

39.4809, 38.6085, 35.5083

Protanomaly

37.7823, 38.5012, 36.4505

Deuteranomaly

39.2337, 38.4810, 35.4967

Tritanomaly

40.3342, 38.4238, 40.4126

Monochromacy



Original Color

39.4809, 38.6085, 35.5083

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.9705, 38.7847, 40.1353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4809, 38.6085, 35.5083 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, 161, 153)` looks like.

```
.text, #text, p{  
    color:rgb(189, 161, 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(189, 161, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 161, 153) }
```

Border

The CSS property to change the border of an element to XYZ 39.4809, 38.6085, 35.5083 is called "border". The border property can be set on classes, ids or directly on the HTML element.

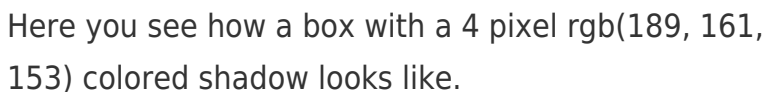
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 161, 153) }
```


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

```
.border{ border-color:rgb(189, 161, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 161, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 161, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 161, 153); box-shadow:4px 4px 4px 4px rgb(189, 161, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4809, 38.6085, 35.5083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 161, 153) }
```

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

```
.background{ background-color: rgb(189,  
161, 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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