

Converting Colors

XYZ(40.3042, 40.1176, 38.6028)

Have a look what the booklet for
XYZ(40.3042, 40.1176, 38.6028)
contains.

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Color

**XYZ(40.2067, 39.9783,
38.3983)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA59F
RGB	187, 165, 159
RGB Percent	73%, 65%, 62%
CMY	0.2667, 0.3529, 0.3765
CMYK	0.00, 0.12, 0.15, 0.27
HSL	13°, 17%, 68%
HSV	13°, 15%, 73%
XYZ	40.2067, 39.9783, 38.3983
YIQ	170.8940, 15.0380, 2.7980

Conversions

Conversions Part 2

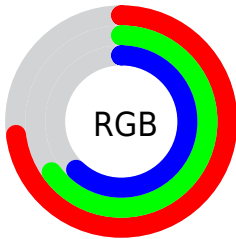
Format	Color
RYB	187, 167, 159
Decimal	12297631
CIELab	69.45, 7.00, 6.03
CIELCh	69, 9.243, 40.748
Yxy	39.9783, 0.3391, 0.3371
Android (android.graphics.Color)	4290487711 (0xFFBBA59F)
YUV	170.8940, -5.8637, 14.1250
Hunter-Lab	63.2284, 2.8578, 8.2533

Details

The XYZ color **40.2067, 39.9783, 38.3983** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7914, 44.0056, 53.4109**, and the grayscale version is **38.6796, 40.6940, 44.3157**.

A 20% lighter version of the original color is **74.6929, 75.0961, 74.1766**, and **18.4434, 17.9613, 16.6822** is the 20% darker color. If you saturate the color by 10%, you get **36.2061, 34.3803, 29.6553**, and if you desaturate by 10%, it is **44.7594, 46.2868, 48.5375**.

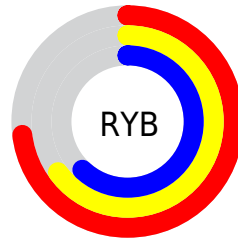
Distribution



Red (73%)

Green (65%)

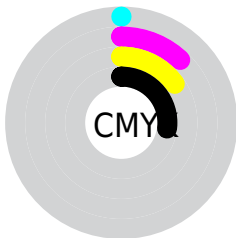
Blue (62%)



Red (73%)

Yellow (65%)

Blue (62%)

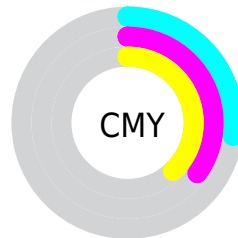


Cyan (0%)

Magenta (12%)

Yellow (15%)

Black (27%)



Cyan (27%)

Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2067, 39.9783, 38.3983 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 40.2067, 39.9783, 38.3983 by changing the saturation by 10% instead.


 40.2067, 39.9783,
38.3983


 40.2067, 39.9783,
38.3983


338.1135,
346.0321, 354.6748

 27.8847, 27.5216,
25.9877


 74.7605, 75.1305,
73.9284

 18.3788, 17.9654,
16.5888


 97.7230, 98.5948,
97.8850

 11.3236, 10.9251,
9.7829


124.9630,
126.4970, 126.5274

 6.3538, 6.0165,
5.1515

156.8459,
159.2217, 160.2741

 3.1041, 2.8551,
2.2762

193.7371,
197.1531, 199.5437

 1.2090, 1.0566,
0.7178

236.0018,

 0.1135, 0.0000,

240.6758, 244.7546

0.0000

284.0055,
290.1739, 296.3254

0.0000, 0.0000,
0.0000

40.2067, 39.9783,
38.3983

40.2067, 39.9783,
38.3983

36.2061, 34.3803,
29.6553

44.7594, 46.2868,
48.5375

32.7331, 29.4626,
22.2446

49.8810, 53.3242,
60.1279

29.7662, 25.2007,
16.1013

55.5917, 61.1148,
73.2246

27.2809, 21.5663,
11.1536

61.9095, 69.6800,
87.8790

25.2509, 18.5293,
7.3231

68.8519, 79.0407,
104.1402

■ 23.6470, 16.0569,
4.5212

■ 73.7157, 88.1288,
107.7331

■ 22.4365, 14.1131,
2.6465

■ 74.3037, 89.3049,
107.9291

■ 21.5810, 12.6572,
1.5756

■ 21.2557, 12.0889,
1.2131

Harmonies

Analogous

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



40.8783, 39.9783, 42.0197



40.2067, 39.9783, 38.3983



38.9492, 39.9783, 36.2446

Triad

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



40.2067, 39.9783, 38.3983



35.3612, 39.9783, 40.8839



38.5341, 39.9783, 52.0843

Complementary

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



40.2067, 39.9783, 38.3983



39.7914, 44.0056, 53.4109

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.



37.0628, 39.9783, 51.7307



40.2067, 39.9783, 38.3983



35.2566, 39.9783, 45.0752

Square

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



40.2067, 39.9783, 38.3983



36.1615, 39.9783, 37.6135



35.8720, 39.9783, 49.0988



39.8960, 39.9783, 50.0355

Rectangle

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



40.2067, 39.9783, 38.3983



37.9609, 39.9783, 35.8412



35.8720, 39.9783, 49.0988



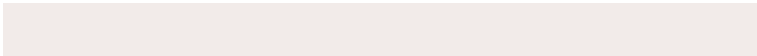
38.0355, 39.9783, 52.2456

Sweetspot

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



40.2078, 39.9801, 38.3991



80.9537, 83.9890, 88.7064



41.2737, 38.7142, 49.2293



17.6820, 18.2953, 19.2079



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.



40.2078, 39.9801, 38.3991



69.5260, 68.1376, 63.3044



42.7921, 45.1486, 39.2606



9.6916, 9.8591, 9.9688



14.6894, 8.4175, 0.8505



0.6243, 0.4276, 0.0496

Inverse Universe

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



39.7914, 44.0056, 53.4109



68.6344, 76.7409, 95.3965



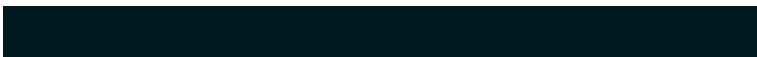
37.1603, 38.7435, 52.5339



9.6303, 10.4528, 12.1822



13.4131, 16.9379, 34.9553



0.5695, 0.7517, 1.3839

Previews

White Background



This preview shows how the XYZ color 40.2067, 39.9783, 38.3983 looks on a white background.

Color Contrast Check

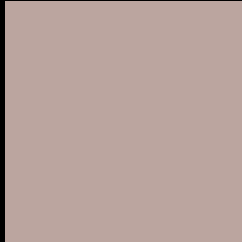
Large Text (above 18pt) WCAG AA × Fail

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 40.2067, 39.9783, 38.3983 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

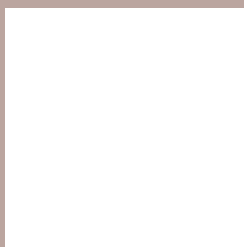
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.2067, 39.9783, 38.3983

Background



This preview shows how black text looks on a background with the XYZ color 40.2067, 39.9783, 38.3983.



This preview shows how white text looks on a background with the XYZ color 40.2067, 39.9783,

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

40.2067, 39.9783, 38.3983

Protanopia

38.3002, 40.0631, 39.4325

Deuteranopia

40.7687, 40.0013, 38.3732



Tritanopia

41.8213, 40.1083, 46.0949

Trichromacy



Original Color

40.2067, 39.9783, 38.3983

Protanomaly

38.9382, 40.1270, 38.9507

Deuteranomaly

40.5197, 39.8729, 38.3615

Tritanomaly

41.1759, 40.1069, 43.1073

Monochromacy



Original Color

40.2067, 39.9783, 38.3983

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.2945, 40.5131, 42.3080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2067, 39.9783, 38.3983 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, 165, 159)` looks like.

```
.text, #text, p{  
    color:rgb(187, 165, 159)  
}
```

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, 165, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 165, 159) }
```

Border

The CSS property to change the border of an element to XYZ 40.2067, 39.9783, 38.3983 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, 165, 159) }
```


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

```
.border{ border-color:rgb(187, 165, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 165, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 165, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 165, 159);  
box-shadow:4px 4px 4px 4px rgb(187, 165,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2067, 39.9783, 38.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 165, 159) }
```

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

```
.background{ background-color: rgb(187,  
165, 159) }
```

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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