

Converting Colors

XYZ(40.1474, 38.2633, 43.2998)

Have a look what the booklet for
XYZ(40.1474, 38.2633, 43.2998)
contains.

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Color

**XYZ(40.1474, 38.2633,
43.2998)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9FAA
RGB	187, 159, 170
RGB Percent	73%, 62%, 67%
CMY	0.2667, 0.3765, 0.3333
CMYK	0.00, 0.15, 0.09, 0.27
HSL	336°, 17%, 68%
HSV	336°, 15%, 73%
XYZ	40.1474, 38.2633, 43.2998
YIQ	168.6260, 13.1570, 9.3570

Conversions

Conversions Part 2

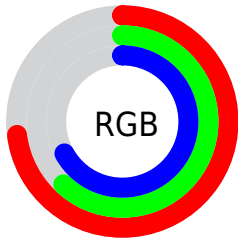
Format	Color
RYB	187, 159, 170
Decimal	12296106
CIELab	68.21, 12.16, -1.88
CIElCh	68, 12.306, 351.222
Yxy	38.2633, 0.3299, 0.3144
Android (android.graphics.Color)	4290486186 (0xFFBB9FAA)
YUV	168.6260, 0.6774, 16.1140
Hunter-Lab	61.8573, 7.6019, 1.7975

Details

The XYZ color **40.1474, 38.2633, 43.2998** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.9064, 46.0473, 47.8612**, and the grayscale version is **37.5205, 39.4745, 42.9877**.

A 20% lighter version of the original color is **74.5993, 72.5841, 81.3125**, and **18.4641, 17.1015, 19.4673** is the 20% darker color. If you saturate the color by 10%, you get **36.1437, 31.9010, 36.8927**, and if you desaturate by 10%, it is **44.7325, 45.6390, 50.3594**.

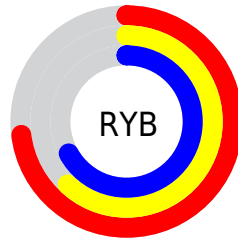
Distribution



Red (73%)

Green (62%)

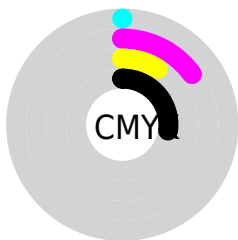
Blue (67%)



Red (73%)

Yellow (62%)

Blue (67%)

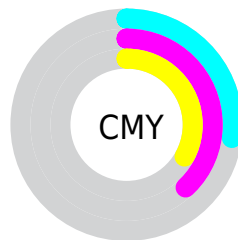


Cyan (0%)

Magenta (15%)

Yellow (9%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1474, 38.2633, 43.2998 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 40.1474, 38.2633, 43.2998 by changing the saturation by 10% instead.


 40.1474, 38.2633,
43.2998


 40.1474, 38.2633,
43.2998


337.8682,
338.7481, 375.8006

 27.8382, 26.1871,
29.7873


 74.6708, 72.5115,
81.4543

 18.3436, 16.9637,
19.4265


 97.6158, 95.4524,
106.9333

 11.2981, 10.2086,
11.7989


124.8367,
122.7835, 137.2383

 6.3365, 5.5375,
6.4860

156.6989,
154.8894, 172.7877

 3.0933, 2.5659,
3.0693

193.5679,
192.1544, 214.0001

 1.2033, 0.9096,
1.1301

235.8088,

 0.1090, 0.0000,

234.9629, 261.2940

0.0000

283.7871,
283.6994, 315.0880

■ 0.0000, 0.0000,
0.0000

■ 40.1474, 38.2633,
43.2998

■ 40.1474, 38.2633,
43.2998

■ 36.1437, 31.9010,
36.8927

■ 44.7325, 45.6390,
50.3594

■ 32.6942, 26.5027,
31.1161

■ 49.9185, 54.0649,
58.0878

■ 29.7739, 22.0221,
25.9503

■ 55.7279, 63.5819,
66.5035

■ 27.3550, 18.4073,
21.3734

■ 62.1810, 74.2274,
75.6239

■ 25.4066, 15.6010,
17.3620

■ 69.2972, 86.0369,
85.4653

■ 23.8944, 13.5391,
13.8910

■ 71.7056, 88.2657,
94.2472

■ 22.7791, 12.1474,
10.9327

■ 73.4285, 88.9548,
103.3200

■ 22.0131, 11.3360,
8.4559

■ 74.3038, 89.3050,
107.9291

■ 21.7115, 11.0520,
7.3712

Harmonies

Analogous

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



39.3285, 38.2633, 48.6551



40.1474, 38.2633, 43.2998



39.9262, 38.2633, 37.9442

Triad

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



40.1474, 38.2633, 43.2998



35.0456, 38.2633, 32.5472



34.1004, 38.2633, 50.4779

Complementary

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



40.1474, 38.2633, 43.2998



39.9064, 46.0473, 47.8612

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.



33.0280, 38.2633, 45.6155



40.1474, 38.2633, 43.2998



33.5602, 38.2633, 35.3737

Square

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



40.1474, 38.2633, 43.2998



36.9355, 38.2633, 32.0457



32.8338, 38.2633, 40.0665



35.8066, 38.2633, 53.0325

Rectangle

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



40.1474, 38.2633, 43.2998



39.2217, 38.2633, 35.0643



32.8338, 38.2633, 40.0665



33.6564, 38.2633, 49.0399

Sweetspot

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



40.1485, 38.2650, 43.3006



80.9119, 83.0280, 91.3976



39.2285, 37.5927, 52.2030



17.6713, 18.0466, 19.9053



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.



40.1485, 38.2650, 43.3006



69.4109, 64.5513, 73.6130



39.6380, 38.8399, 38.2105



9.6812, 9.5968, 10.7101



14.9925, 7.6281, 5.2540



0.6196, 0.3117, 0.3760

Inverse Universe

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



40.1485, 38.2650, 43.3006



69.4109, 64.5513, 73.6130



40.4511, 45.3240, 53.6308



9.6812, 9.5968, 10.7101



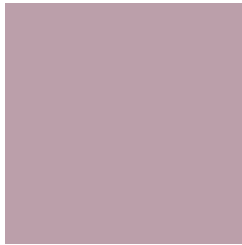
14.9925, 7.6281, 5.2540



0.6196, 0.3117, 0.3760

Previews

White Background



This preview shows how the XYZ color 40.1474, 38.2633, 43.2998 looks on a white background.

Color Contrast Check

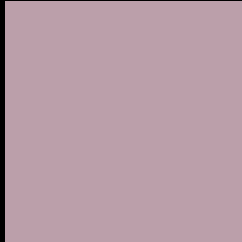
Large Text (above 18pt) WCAG AA × Fail

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 40.1474, 38.2633, 43.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

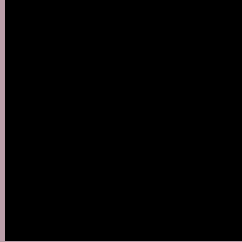
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1474, 38.2633, 43.2998

Background



This preview shows how black text looks on a background with the XYZ color 40.1474, 38.2633, 43.2998.



This preview shows how white text looks on a background with the XYZ color 40.1474, 38.2633,

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

40.1474, 38.2633, 43.2998

Protanopia

37.0315, 38.1817, 45.4624

Deuteranopia

39.0566, 38.2158, 43.3481



Tritanopia

40.2423, 38.3013, 43.8000

Trichromacy



Original Color

40.1474, 38.2633, 43.2998

Protanomaly

38.0956, 38.2102, 44.9026

Deuteranomaly

39.3549, 38.1112, 43.3122

Tritanomaly

40.2423, 38.3013, 43.8000

Monochromacy



Original Color

40.1474, 38.2633, 43.2998

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.5211, 39.0049, 43.0345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1474, 38.2633, 43.2998 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, 159, 170)` looks like.

```
.text, #text, p{  
    color:rgb(187, 159, 170)  
}
```

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, 159, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 159, 170) }
```

Border

The CSS property to change the border of an element to XYZ 40.1474, 38.2633, 43.2998 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, 159, 170) }
```


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

```
.border{ border-color:rgb(187, 159, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 159, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 159, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 159, 170);  
box-shadow:4px 4px 4px 4px rgb(187, 159,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1474, 38.2633, 43.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 159, 170) }
```

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

```
.background{ background-color: rgb(187,  
159, 170) }
```

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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