

Converting Colors

XYZ(38.0843, 33.3008, 44.1986)

Have a look what the booklet for
XYZ(38.0843, 33.3008, 44.1986)
contains.

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Color

**XYZ(38.1043, 33.3534,
43.9647)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8FAD
RGB	188, 143, 173
RGB Percent	74%, 56%, 68%
CMY	0.2627, 0.4392, 0.3216
CMYK	0.00, 0.24, 0.08, 0.26
HSL	320°, 25%, 65%
HSV	320°, 24%, 74%
XYZ	38.1043, 33.3534, 43.9647
YIQ	159.8750, 17.1900, 18.8700

Conversions

Conversions Part 2

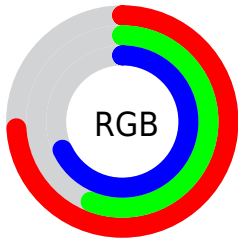
Format	Color
RYB	188, 143, 173
Decimal	12357549
CIELab	64.45, 21.93, -9.12
CIELCh	64, 23.751, 337.410
Yxy	33.3534, 0.3301, 0.2890
Android (android.graphics.Color)	4290547629 (0xFFBC8FAD)
YUV	159.8750, 6.4706, 24.6656
Hunter-Lab	57.7524, 16.7053, -4.7085

Details

The XYZ color **38.1043, 33.3534, 43.9647** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.4838, 44.2756, 39.0256**, and the grayscale version is **33.3224, 35.0578, 38.1780**.

A 20% lighter version of the original color is **71.6260, 64.9464, 82.1596**, and **17.1099, 14.1031, 19.9095** is the 20% darker color. If you saturate the color by 10%, you get **34.9230, 27.9382, 39.9823**, and if you desaturate by 10%, it is **41.7890, 39.7288, 48.2560**.

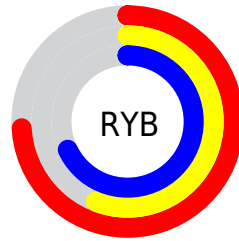
Distribution



Red (74%)

Green (56%)

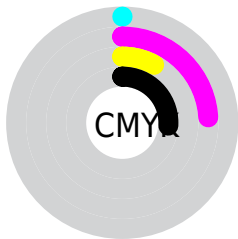
Blue (68%)



Red (74%)

Yellow (56%)

Blue (68%)

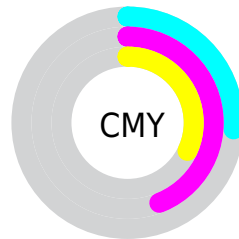


Cyan (0%)

Magenta (24%)

Yellow (8%)

Black (26%)



Cyan (26%)


Magenta (44%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1043, 33.3534, 43.9647 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 38.1043, 33.3534, 43.9647 by changing the saturation by 10% instead.


 38.1043, 33.3534,
43.9647

 38.1043, 33.3534,
43.9647

329.3403,
317.2392, 378.6013

 26.2412, 22.3973,
30.3058


 71.5708, 64.9269,
82.4665

 17.1378, 14.1491,
19.8168


 93.9050, 86.3131,
108.1465

 10.4287, 8.2245,
12.0792


120.4603,
111.9447, 138.6706

 5.7486, 4.2389,
6.6744

151.6020,
142.2063, 174.4573

 2.7320, 1.8081,
3.1840

187.6955,
177.4821, 215.9252

 1.0137, 0.4922,
1.1893

229.1061,

 0.0000, 0.0000,

218.1566, 263.4928

0.0000

276.1993,
264.6142, 317.5787

■ 38.1043, 33.3534,
43.9647

■ 38.1043, 33.3534,
43.9647

■ 34.9230, 27.9382,
39.9823

■ 41.7890, 39.7288,
48.2560

■ 32.2182, 23.4316,
36.2968

■ 45.9964, 47.1041,
52.8635

■ 29.9648, 19.7837,
32.8983

■ 50.7484, 55.5218,
57.7965

■ 28.1345, 16.9380,
29.7754

■ 56.0649, 65.0210,
63.0635

■ 26.6951, 14.8314,
26.9153

■ 61.9644, 75.6385,
68.6725

■ 25.6100, 13.3909,
24.3038

■ 68.2075, 86.8948,
74.5454

■ 24.8348, 12.5287,
21.9238

■ 69.0069, 87.2145,
78.7548

■ 24.4620, 12.1806,
20.5743

■ 69.8372, 87.5466,
83.1271

■ 70.6988, 87.8913,
87.6643

Harmonies

Analogous

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



35.8259, 33.3534, 53.2424



38.1043, 33.3534, 43.9647



38.6101, 33.3534, 33.9630

Triad

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



38.1043, 33.3534, 43.9647



30.8687, 33.3534, 20.7792



26.8034, 33.3534, 48.8702

Complementary

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



38.1043, 33.3534, 43.9647



35.4838, 44.2756, 39.0256

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.



25.6703, 33.3534, 38.7757



38.1043, 33.3534, 43.9647



27.9063, 33.3534, 23.4213

Square

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



38.1043, 33.3534, 43.9647



34.2702, 33.3534, 21.6709



26.0592, 33.3534, 29.6105



29.2643, 33.3534, 56.4082

Rectangle

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



38.1043, 33.3534, 43.9647



37.8432, 33.3534, 28.3869



26.0592, 33.3534, 29.6105



26.2629, 33.3534, 45.5995

Sweetspot

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



38.1053, 33.3549, 43.9654



80.8304, 80.9158, 93.0873



33.0015, 30.5466, 51.7341



17.2822, 17.2250, 19.9094



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.



38.1053, 33.3549, 43.9654



65.7545, 54.8021, 75.6127



36.1081, 32.5560, 33.4482



9.7911, 9.6407, 11.2887



16.6904, 8.3073, 14.1954



0.6830, 0.3371, 0.7097

Inverse Universe

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



38.1053, 33.3549, 43.9654



65.7545, 54.8021, 75.6127



37.6013, 45.1226, 50.1761



9.7911, 9.6407, 11.2887



16.6904, 8.3073, 14.1954



0.6830, 0.3371, 0.7097

Previews

White Background



This preview shows how the XYZ color 38.1043, 33.3534, 43.9647 looks on a white background.

Color Contrast Check

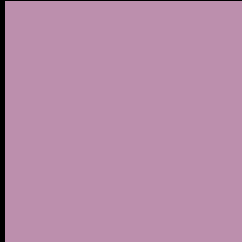
Large Text (above 18pt) WCAG AA × Fail

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 38.1043, 33.3534, 43.9647 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 38.1043, 33.3534, 43.9647

Background



This preview shows how black text looks on a background with the XYZ color 38.1043, 33.3534, 43.9647.



This preview shows how white text looks on a background with the XYZ color 38.1043, 33.3534,

43.9647.

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

38.1043, 33.3534, 43.9647

Protanopia

33.0107, 33.4543, 48.4335

Deuteranopia

34.0960, 33.3961, 43.1771



Tritanopia

36.6144, 33.4312, 36.4214

Trichromacy



Original Color

38.1043, 33.3534, 43.9647

Protanomaly

34.6195, 33.3469, 46.7314

Deuteranomaly

35.4274, 33.3577, 43.6012

Tritanomaly

37.2298, 33.4599, 39.1465

Monochromacy



Original Color

38.1043, 33.3534, 43.9647

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.9247, 34.3739, 40.3914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1043, 33.3534, 43.9647 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(188, 143, 173)` looks like.

```
.text, #text, p{  
    color:rgb(188, 143, 173)  
}
```

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(188, 143, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 143, 173) }
```

Border

The CSS property to change the border of an element to XYZ 38.1043, 33.3534, 43.9647 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(188, 143, 173) }
```


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

```
.border{ border-color:rgb(188, 143, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 143, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 143, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 143, 173);  
box-shadow:4px 4px 4px 4px rgb(188, 143,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1043, 33.3534, 43.9647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 143, 173) }
```

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

```
.background{ background-color: rgb(188,  
143, 173) }
```

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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