

Converting Colors

XYZ(47.4856, 41.9803, 38.4851)

Have a look what the booklet for
XYZ(47.4856, 41.9803, 38.4851)
contains.

XYZ(47.3983, 41.8623, 38.3830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.3983, 41.8623,
38.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	DA9E9F
RGB	218, 158, 159
RGB Percent	85%, 62%, 62%
CMY	0.1451, 0.3804, 0.3765
CMYK	0.00, 0.28, 0.27, 0.15
HSL	359°, 45%, 74%
HSV	359°, 28%, 85%
XYZ	47.3983, 41.8623, 38.3830
YIQ	176.0540, 35.4390, 13.0310

Conversions

Conversions Part 2

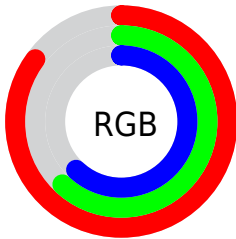
Format	Color
R _Y B	218, 158, 159
Decimal	14327455
CIE Lab	70.78, 22.47, 8.33
CIE LCh	71, 23.962, 20.344
Yxy	41.8623, 0.3713, 0.3280
Android (android.graphics.Color)	4292517535 (0xFFDA9E9F)
YUV	176.0540, -8.4076, 36.7866
Hunter-Lab	64.7011, 17.5375, 10.1178

Details

The XYZ color **47.3983, 41.8623, 38.3830** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.6981, 62.4226, 74.9726**, and the grayscale version is **41.3254, 43.4776, 47.3471**.

A 20% lighter version of the original color is **77.1718, 73.7035, 73.7771**, and **22.7611, 19.0722, 16.6690** is the 20% darker color. If you saturate the color by 10%, you get **42.3025, 34.3940, 28.2884**, and if you desaturate by 10%, it is **53.4786, 50.7827, 50.3985**.

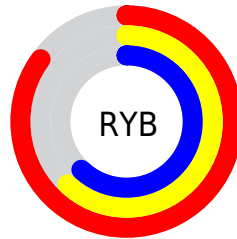
Distribution



Red (85%)

Green (62%)

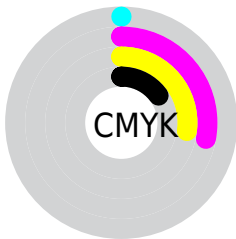
Blue (62%)



Red (85%)

Yellow (62%)

Blue (62%)

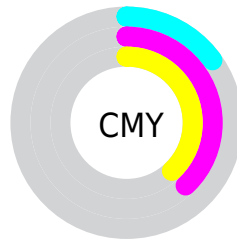


Cyan (0%)

Magenta (28%)

Yellow (27%)

Black (15%)



Cyan (15%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3983, 41.8623, 38.3830 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 47.3983, 41.8623, 38.3830 by changing the saturation by 10% instead.


 47.3983, 41.8623,
38.3830


 47.3983, 41.8623,
38.3830


367.0246,
353.9118, 354.6074

 33.5599, 28.9935,
25.9759

 85.5230, 77.9912,
73.9047

 22.7170, 19.0759,
16.5800


 110.5400,
102.0200, 97.8565

 14.5042, 11.7251,
9.7767


140.0139,
130.5377, 126.4935

 8.5562, 6.5568,
5.1475

174.3101,
163.9285, 160.2344

 4.5077, 3.1865,
2.2738

213.7939,
202.5770, 199.4977

 1.9931, 1.2299,
0.7165

258.8306,

 0.6301, 0.0859,

246.8674, 244.7020

0.0000

309.7858,
297.1842, 296.2657

■ 0.0000, 0.0000,
0.0000

■ 47.3983, 41.8623,
38.3830

■ 47.3983, 41.8623,
38.3830

■ 42.3025, 34.3940,
28.2884

■ 53.4786, 50.7827,
50.3985

■ 38.1363, 28.2956,
20.0127

■ 60.5878, 61.2201,
64.4245

■ 34.8447, 23.4856,
13.4486

■ 68.7716, 73.2425,
80.5480

■ 32.3653, 19.8716,
8.4764

■ 78.0720, 86.9122,
98.8502

■ 30.6276, 17.3488,
4.9609

■ 82.7235, 93.6455,
108.3231

■ 29.5493, 15.7944,
2.7446

■ 29.0212, 15.0424,
1.6304

■ 28.9334, 14.9134,
1.4575

Harmonies

Analogous

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



47.8138, 41.8623, 49.3539



47.3983, 41.8623, 38.3830



44.8713, 41.8623, 30.7133

Triad

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



47.3983, 41.8623, 38.3830



34.1870, 41.8623, 32.9843



38.5199, 41.8623, 70.7599

Complementary

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



47.3983, 41.8623, 38.3830



51.6981, 62.4226, 74.9726

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.



35.1055, 41.8623, 64.6068



47.3983, 41.8623, 38.3830



32.7162, 41.8623, 42.0053

Square

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



47.3983, 41.8623, 38.3830



37.1890, 41.8623, 27.9756



33.0408, 41.8623, 53.6268



42.5071, 41.8623, 69.3537

Rectangle

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



47.3983, 41.8623, 38.3830



42.4170, 41.8623, 27.9106



33.0408, 41.8623, 53.6268



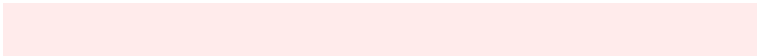
37.2716, 41.8623, 69.4728

Sweetspot

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



47.3994, 41.8643, 38.3838



85.8205, 86.4425, 90.7126



53.4981, 44.2693, 72.0551



18.0216, 17.9920, 18.7310



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.3994, 41.8643, 38.3838



63.2447, 53.3172, 46.1121



52.8565, 52.9162, 39.7782



13.0648, 13.0550, 13.6024



17.3379, 8.9362, 0.8937



1.1264, 0.5802, 0.0745

Inverse Universe

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



47.3994, 41.8643, 38.3838



63.2447, 53.3172, 46.1121



44.9547, 48.7280, 73.3660



13.0648, 13.0550, 13.6024



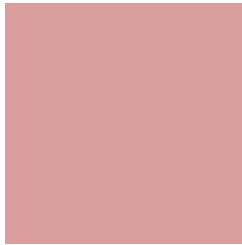
17.3379, 8.9362, 0.8937



1.1264, 0.5802, 0.0745

Previews

White Background



This preview shows how the XYZ color 47.3983, 41.8623, 38.3830 looks on a white background.

Color Contrast Check

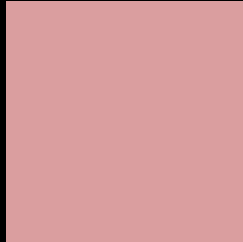
Large Text (above 18pt) WCAG AA × Fail

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 47.3983, 41.8623, 38.3830 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 47.3983, 41.8623, 38.3830

Background



This preview shows how black text looks on a background with the XYZ color 47.3983, 41.8623, 38.3830.



This preview shows how white text looks on a background with the XYZ color 47.3983, 41.8623,

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

47.3983, 41.8623, 38.3830

Protanopia

40.2787, 42.1421, 42.5705

Deuteranopia

42.6695, 41.8075, 37.7190



Tritanopia

48.4318, 42.0386, 43.0977

Trichromacy



Original Color

47.3983, 41.8623, 38.3830

Protanomaly

42.6958, 42.0231, 40.9829

Deuteranomaly

44.3489, 41.8569, 38.0895

Tritanomaly

48.0619, 41.8906, 41.1499

Monochromacy



Original Color

47.3983, 41.8623, 38.3830

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.9295, 42.3546, 43.9428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3983, 41.8623, 38.3830 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(218, 158, 159)` looks like.

```
.text, #text, p{  
    color:rgb(218, 158, 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(218, 158, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 158, 159) }
```

Border

The CSS property to change the border of an element to XYZ 47.3983, 41.8623, 38.3830 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(218, 158, 159) }
```


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

```
.border{ border-color:rgb(218, 158, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 158, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 158, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 158, 159);  
box-shadow:4px 4px 4px 4px rgb(218, 158,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3983, 41.8623, 38.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 158, 159) }
```

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

```
.background{ background-color: rgb(218,  
158, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor