

Converting Colors

XYZ(40.0879, 33.3477, 41.1086)

Have a look what the booklet for
XYZ(40.0879, 33.3477, 41.1086)
contains.

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Color

**XYZ(40.1509, 33.3845,
40.8869)**

Conversions

Conversions Part 1

Format	Color
Hex	C98AA7
RGB	201, 138, 167
RGB Percent	79%, 54%, 65%
CMY	0.2118, 0.4588, 0.3451
CMYK	0.00, 0.31, 0.17, 0.21
HSL	332°, 37%, 66%
HSV	332°, 31%, 79%
XYZ	40.1509, 33.3845, 40.8869
YIQ	160.1430, 28.2390, 22.3750

Conversions

Conversions Part 2

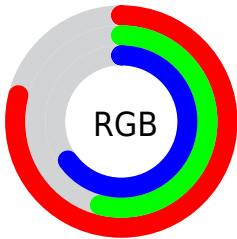
Format	Color
R_{YB}	201, 138, 167
Decimal	13208231
CIE Lab	64.47, 28.31, -5.55
CIE LCh	64, 28.846, 348.912
Yxy	33.3845, 0.3509, 0.2918
Android (android.graphics.Color)	4291398311 (0xFFC98AA7)
YUV	160.1430, 3.3805, 35.8316
Hunter-Lab	57.7793, 22.9260, -1.5104

Details

The XYZ color **40.1509, 33.3845, 40.8869** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.8157, 50.1559, 46.6673**, and the grayscale version is **33.4562, 35.1985, 38.3311**.

A 20% lighter version of the original color is **73.2745, 64.2332, 77.6435**, and **18.3568, 14.1652, 17.9863** is the 20% darker color. If you saturate the color by 10%, you get **36.5685, 27.7576, 34.9507**, and if you desaturate by 10%, it is **44.3531, 40.1155, 47.4455**.

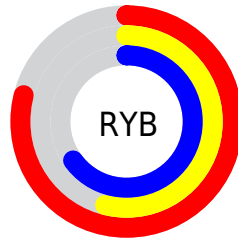
Distribution



Red (79%)

Green (54%)

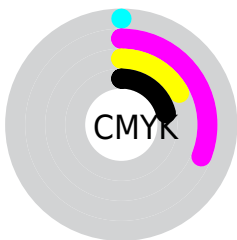
Blue (65%)



Red (79%)

Yellow (54%)

Blue (65%)

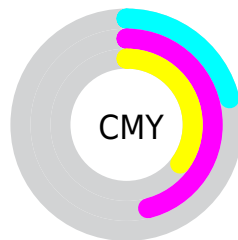


Cyan (0%)

Magenta (31%)

Yellow (17%)

Black (21%)



Cyan (21%)


Magenta (46%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1509, 33.3845, 40.8869 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 40.1509, 33.3845, 40.8869 by changing the saturation by 10% instead.


 40.1509, 33.3845,
40.8869


 40.1509, 33.3845,
40.8869


337.8827,
317.3788, 365.5103

 27.8410, 22.4212,
27.9117


 74.6761, 64.9754,
77.7640

 18.3456, 14.1667,
18.0206


 97.6221, 86.3717,
102.5029

 11.2996, 8.2367,
10.7952


 124.8442,
112.0144, 132.0002

 6.3375, 4.2468,
5.8169

156.7076,
142.2880, 166.6743

 3.0940, 1.8125,
2.6671

193.5778,
177.5769, 206.9439

 1.2037, 0.4950,
0.9268

235.8202,

 0.1093, 0.0000,

218.2654, 253.2274

0.0000

283.8000,
264.7378, 305.9433

■ 0.0000, 0.0000,
0.0000

■ 40.1509, 33.3845,
40.8869

■ 40.1509, 33.3845,
40.8869

■ 36.5685, 27.7576,
34.9507

■ 44.3531, 40.1155,
47.4455

■ 33.5713, 23.1702,
29.6142

■ 49.2013, 48.0011,
54.6441

■ 31.1260, 19.5585,
24.8560


■ 54.7237, 57.0943,
62.5017


■ 29.1941, 16.8493,
20.6525


■ 60.9462, 67.4436,
71.0362


■ 27.7320, 14.9592,
16.9777


■ 67.8929, 79.0947,
80.2645


 26.6882, 13.7887,
13.8022

 74.4259, 89.7689,
89.8159

 26.0420, 13.1994,
11.4194

 76.0160, 90.4049,
98.1891

 77.7028, 91.0797,
107.0722

 77.8975, 91.1576,
108.0973

Harmonies

Analogous

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



38.0794, 33.3845, 53.3793



40.1509, 33.3845, 40.8869



39.8247, 33.3845, 29.4857

Triad

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



40.1509, 33.3845, 40.8869



29.2336, 33.3845, 18.8437



26.8073, 33.3845, 56.2556

Complementary

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



40.1509, 33.3845, 40.8869



38.8157, 50.1559, 46.6673

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.



24.8156, 33.3845, 44.2048



40.1509, 33.3845, 40.8869



26.1305, 33.3845, 23.3928

Square

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



40.1509, 33.3845, 40.8869



33.2779, 33.3845, 18.3317



24.5790, 33.3845, 32.1619



30.2327, 33.3845, 63.4470

Rectangle

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



40.1509, 33.3845, 40.8869



38.2980, 33.3845, 23.8878



24.5790, 33.3845, 32.1619



25.9611, 33.3845, 52.5317

Sweetspot

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



40.1519, 33.3860, 40.8876



86.2300, 85.4491, 96.4369



36.5580, 31.1212, 59.3388



18.1713, 17.8214, 20.2293



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.



40.1519, 33.3860, 40.8876



64.2279, 50.0454, 62.5882



38.0688, 33.0395, 28.4175



10.8335, 10.7168, 12.1067



16.4193, 8.3173, 7.4179



0.8139, 0.4084, 0.5433

Inverse Universe

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



40.1519, 33.3860, 40.8876



64.2279, 50.0454, 62.5882



41.4253, 50.4219, 62.8077



10.8335, 10.7168, 12.1067



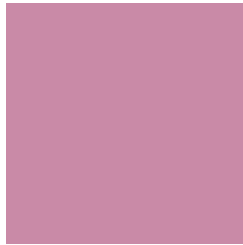
16.4193, 8.3173, 7.4179



0.8139, 0.4084, 0.5433

Previews

White Background



This preview shows how the XYZ color 40.1509, 33.3845, 40.8869 looks on a white background.

Color Contrast Check

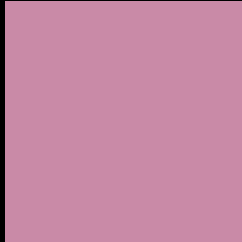
Large Text (above 18pt) WCAG AA × Fail

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 40.1509, 33.3845, 40.8869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

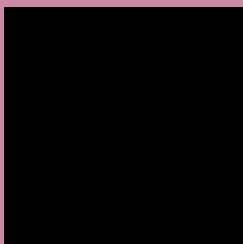
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1509, 33.3845, 40.8869

Background



This preview shows how black text looks on a background with the XYZ color 40.1509, 33.3845, 40.8869.



This preview shows how white text looks on a background with the XYZ color 40.1509, 33.3845,

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

40.1509, 33.3845, 40.8869

Protanopia

33.0612, 33.7636, 46.8940

Deuteranopia

34.0775, 33.4616, 39.7846



Tritanopia

38.6640, 33.4262, 33.6923

Trichromacy



Original Color

40.1509, 33.3845, 40.8869

Protanomaly

34.9650, 33.0969, 44.5899

Deuteranomaly

36.0476, 33.2873, 40.1225

Tritanomaly

39.2833, 33.4698, 36.2882

Monochromacy



Original Color

40.1509, 33.3845, 40.8869

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.5183, 34.2148, 39.3824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1509, 33.3845, 40.8869 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(201, 138, 167)` looks like.

```
.text, #text, p{  
    color:rgb(201, 138, 167)  
}
```

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(201, 138, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 138, 167) }
```

Border

The CSS property to change the border of an element to XYZ 40.1509, 33.3845, 40.8869 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(201, 138, 167) }
```


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

```
.border{ border-color:rgb(201, 138, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 138, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 138, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 138, 167);  
box-shadow:4px 4px 4px 4px rgb(201, 138,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1509, 33.3845, 40.8869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 138, 167) }
```

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

```
.background{ background-color: rgb(201,  
138, 167) }
```

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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