

Converting Colors

XYZ(39.9015, 33.8603, 42.9607)

Have a look what the booklet for
XYZ(39.9015, 33.8603, 42.9607)
contains.

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Color

**XYZ(39.9015, 33.8603,
42.9607)**

Conversions

Conversions Part 1

Format	Color
Hex	C58DAB
RGB	197, 141, 171
RGB Percent	77%, 55%, 67%
CMY	0.2274, 0.4470, 0.3294
CMYK	0.00, 0.28, 0.13, 0.23
HSL	328°, 33%, 66%
HSV	328°, 28%, 77%
XYZ	39.9015, 33.8603, 42.9607
YIQ	161.1640, 23.7460, 21.2020

Conversions

Conversions Part 2

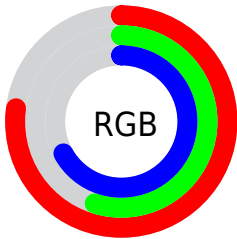
Format	Color
RYB	197, 141, 171
Decimal	12946859
CIELab	64.85, 25.89, -7.29
CIELCh	65, 26.896, 344.272
Yxy	33.8603, 0.3418, 0.2901
Android (android.graphics.Color)	4291136939 (0xFFC58DAB)
YUV	161.1640, 4.8491, 31.4282
Hunter-Lab	58.1896, 20.5684, -3.0404

Details

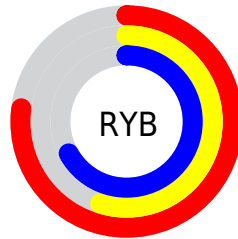
The XYZ color **39.9015, 33.8603, 42.9607** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.9272, 48.3862, 43.9019**, and the grayscale version is **33.9237, 35.6904, 38.8668**.

A 20% lighter version of the original color is **74.1156, 65.5920, 80.7057**, and **18.1413, 14.3950, 19.2751** is the 20% darker color. If you saturate the color by 10%, you get **36.4092, 28.2227, 37.6429**, and if you desaturate by 10%, it is **43.9728, 40.5584, 48.7700**.

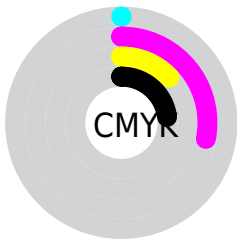
Distribution



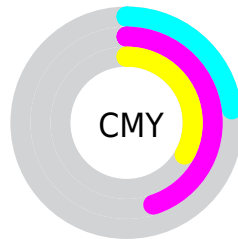
- Red (77%)
- Green (55%)
- Blue (67%)



- Red (77%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (28%)
- Yellow (13%)
- Black (23%)





- Cyan (23%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9015, 33.8603, 42.9607 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 39.9015, 33.8603, 42.9607 by changing the saturation by 10% instead.


 39.9015, 33.8603,
42.9607


 39.9015, 33.8603,
42.9607


336.8498,
319.5087, 374.3666


 27.6456, 22.7863,
29.5231


 74.2988, 65.7164,
80.9373

 18.1978, 14.4358,
19.2279


 97.1709, 87.2672,
106.3133

 11.1926, 8.4244,
11.6566


 124.3125,
113.0791, 136.5060

 6.2648, 4.3677,
6.3906

156.0889,
143.5365, 171.9337

 3.0489, 1.8813,
3.0114

192.8655,
179.0238, 213.0151

 1.1797, 0.5371,
1.1005

235.0076,

 0.0902, 0.0000,

219.9253, 260.1687

0.0000

282.8806,
266.6255, 313.8130

■ 0.0000, 0.0000,
0.0000

■ 39.9015, 33.8603,
42.9607

■ 39.9015, 33.8603,
42.9607

■ 36.4092, 28.2227,
37.6429

■ 43.9728, 40.5584,
48.7700

■ 33.4643, 23.5858,
32.7989

■ 48.6466, 48.3636,
55.0833

■ 31.0367, 19.8908,
28.4129

■ 53.9489, 57.3252,
61.9153

■ 29.0918, 17.0707,
24.4671

■ 59.9029, 67.4883,
69.2791

■ 27.5908, 15.0498,
20.9418

■ 66.5308, 78.8956,
77.1877

■ 26.4880, 13.7392,
17.8150

■ 72.4976, 88.8750,
85.2011

■ 25.7122, 12.9987,
15.0559

■ 73.7859, 89.3903,
91.9854

■ 25.6033, 12.9013,
14.6487

■ 75.1423, 89.9329,
99.1276

■ 76.5675, 90.5030,
106.6330

Harmonies

Analogous

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



37.6699, 33.8603, 54.3565



39.9015, 33.8603, 42.9607



39.9581, 33.8603, 31.8536

Triad

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



39.9015, 33.8603, 42.9607



30.3810, 33.8603, 19.8128



27.1372, 33.8603, 53.8611

Complementary

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



39.9015, 33.8603, 42.9607



37.9272, 48.3862, 43.9019

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.



25.4885, 33.8603, 42.3830



39.9015, 33.8603, 42.9607



27.2569, 33.8603, 23.6017

Square

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



39.9015, 33.8603, 42.9607



34.2456, 33.8603, 19.9058



25.5305, 33.8603, 31.3806



30.2053, 33.8603, 61.4600

Rectangle

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



39.9015, 33.8603, 42.9607



38.7418, 33.8603, 26.1095



25.5305, 33.8603, 31.3806



26.4100, 33.8603, 50.2379

Sweetspot

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



39.9025, 33.8618, 42.9614



86.4921, 85.5539, 97.8170



35.3721, 31.2113, 56.9839



18.2358, 17.8472, 20.5690



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.



39.9025, 33.8618, 42.9614



67.5309, 54.2693, 71.0333



37.5708, 32.9292, 30.6830



10.8674, 10.7303, 12.2850



16.8829, 8.5027, 9.8592



0.8357, 0.4171, 0.6581

Inverse Universe

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



39.9025, 33.8618, 42.9614



67.5309, 54.2693, 71.0333



40.7119, 49.5001, 58.5661



10.8674, 10.7303, 12.2850



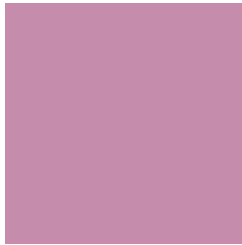
16.8829, 8.5027, 9.8592



0.8357, 0.4171, 0.6581

Previews

White Background



This preview shows how the XYZ color 39.9015, 33.8603, 42.9607 looks on a white background.

Color Contrast Check

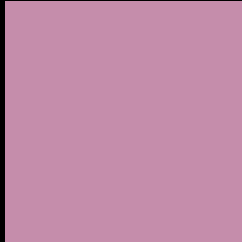
Large Text (above 18pt) WCAG AA × Fail

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 39.9015, 33.8603, 42.9607 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 39.9015, 33.8603, 42.9607

Background



This preview shows how black text looks on a background with the XYZ color 39.9015, 33.8603, 42.9607.



This preview shows how white text looks on a background with the XYZ color 39.9015, 33.8603,

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

39.9015, 33.8603, 42.9607

Protanopia

33.5554, 33.9832, 48.5069

Deuteranopia

34.7011, 33.9719, 42.2644



Tritanopia

38.3953, 33.9152, 35.5330

Trichromacy



Original Color

39.9015, 33.8603, 42.9607

Protanomaly

35.5800, 33.8536, 46.2541

Deuteranomaly

36.5936, 33.9809, 42.6605

Tritanomaly

39.0204, 33.9539, 38.2154

Monochromacy



Original Color

39.9015, 33.8603, 42.9607

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.8027, 34.8265, 40.4325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9015, 33.8603, 42.9607 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(197, 141, 171)` looks like.

```
.text, #text, p{  
    color:rgb(197, 141, 171)  
}
```

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(197, 141, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 141, 171) }
```

Border

The CSS property to change the border of an element to XYZ 39.9015, 33.8603, 42.9607 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(197, 141, 171) }
```


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

```
.border{ border-color:rgb(197, 141, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 141, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 141, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 141, 171);  
box-shadow:4px 4px 4px 4px rgb(197, 141,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9015, 33.8603, 42.9607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 141, 171) }
```

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

```
.background{ background-color: rgb(197,  
141, 171) }
```

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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