

Converting Colors

XYZ(42.4096, 39.1018, 41.2831)

Have a look what the booklet for
XYZ(42.4096, 39.1018, 41.2831)
contains.

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Color

**XYZ(42.3985, 39.2127,
41.4106)**

Conversions

Conversions Part 1

Format	Color
Hex	C69EA6
RGB	198, 158, 166
RGB Percent	78%, 62%, 65%
CMY	0.2235, 0.3804, 0.3490
CMYK	0.00, 0.20, 0.16, 0.22
HSL	348°, 26%, 70%
HSV	348°, 20%, 78%
XYZ	42.3985, 39.2127, 41.4106
YIQ	170.8720, 21.2720, 10.9680

Conversions

Conversions Part 2

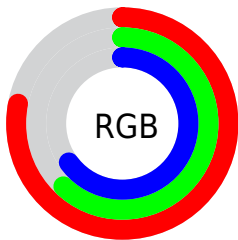
Format	Color
RYB	198, 158, 166
Decimal	13016742
CIELab	68.91, 16.07, 1.48
CIElCh	69, 16.137, 5.277
Yxy	39.2127, 0.3446, 0.3187
Android (android.graphics.Color)	4291206822 (0xFFC69EA6)
YUV	170.8720, -2.4019, 23.7913
Hunter-Lab	62.6200, 11.2729, 4.6256

Details

The XYZ color **42.3985, 39.2127, 41.4106** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.5905, 51.3759, 56.3367**, and the grayscale version is **38.6496, 40.6624, 44.2813**.

A 20% lighter version of the original color is **78.0854, 74.0690, 78.5878**, and **19.6929, 17.4523, 18.2503** is the 20% darker color. If you saturate the color by 10%, you get **37.9246, 32.4488, 33.1860**, and if you desaturate by 10%, it is **47.5977, 47.1400, 50.7610**.

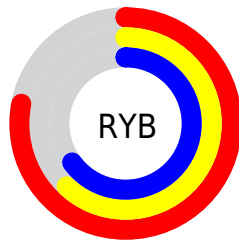
Distribution



Red (78%)

Green (62%)

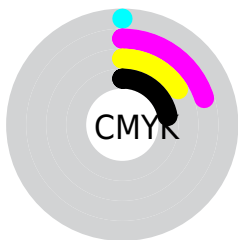
Blue (65%)



Red (78%)

Yellow (62%)

Blue (65%)

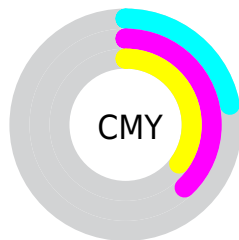


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3985, 39.2127, 41.4106 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 42.3985, 39.2127, 41.4106 by changing the saturation by 10% instead.


 42.3985, 39.2127,
41.4106


 42.3985, 39.2127,
41.4106


347.0958,
342.7940, 367.7611

 29.6059, 26.9252,
28.3179


 78.0638, 73.9631,
78.5672

 19.6863, 17.5171,
18.3243


 101.6672, 97.1949,
103.4683

 12.2741, 10.6038,
11.0113


129.6049,
124.8436, 133.1426

 7.0042, 5.8011,
5.9601

162.2423,
157.2935, 168.0086

 3.5111, 2.7245,
2.7525

199.9447,
194.9291, 208.4849

 1.4294, 0.9897,
0.9697

243.0776,

 0.2770, 0.0000,

238.1348, 254.9901

0.0000

292.0061,
287.2949, 307.9427

0.0000, 0.0000,
0.0000

42.3985, 39.2127,
41.4106

42.3985, 39.2127,
41.4106

37.9246, 32.4488,
33.1860

47.5977, 47.1400,
50.7610

34.1404, 26.7884,
26.0421

53.5494, 56.2764,
61.2753

31.0118, 22.1742,
19.9340

60.2833, 66.6715,
72.9928

28.5007, 18.5416,
14.8129

67.8267, 78.3708,
85.9500

26.5649, 15.8190,
10.6260

75.5621, 90.1312,
99.9677

■ 25.1569, 13.9247,
7.3150

■ 77.0988, 90.7458,
108.0599

■ 24.2209, 12.7623,
4.8152

■ 23.6648, 12.1562,
3.0699

Harmonies

Analogous

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



41.9305, 39.2127, 48.8778



42.3985, 39.2127, 41.4106



41.4420, 39.2127, 35.0496

Triad

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



42.3985, 39.2127, 41.4106



34.4951, 39.2127, 32.1752



35.2463, 39.2127, 56.8485

Complementary

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



42.3985, 39.2127, 41.4106



43.5905, 51.3759, 56.3367

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.



33.3888, 39.2127, 51.3806



42.3985, 39.2127, 41.4106



32.9692, 39.2127, 37.0586

Square

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



42.3985, 39.2127, 41.4106



36.8189, 39.2127, 30.1229



32.5736, 39.2127, 44.0077



37.7257, 39.2127, 58.3556

Rectangle

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



42.3985, 39.2127, 41.4106



40.1499, 39.2127, 32.1105



32.5736, 39.2127, 44.0077



34.5321, 39.2127, 55.3843

Sweetspot

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



42.3996, 39.2145, 41.4114



88.4531, 89.8602, 97.2860



43.6564, 39.4800, 58.7459



18.7854, 19.0080, 20.5627



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.



42.3996, 39.2145, 41.4114



71.6322, 64.2126, 67.0340



43.8362, 43.2254, 38.3829



10.7191, 10.6710, 11.5042



15.4146, 7.9154, 2.1271



0.7562, 0.3853, 0.2395

Inverse Universe

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



42.3996, 39.2145, 41.4114



71.6322, 64.2126, 67.0340



41.8539, 46.4654, 60.1892



10.7191, 10.6710, 11.5042



15.4146, 7.9154, 2.1271



0.7562, 0.3853, 0.2395

Previews

White Background



This preview shows how the XYZ color 42.3985, 39.2127, 41.4106 looks on a white background.

Color Contrast Check

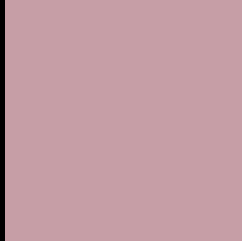
Large Text (above 18pt) WCAG AA × Fail

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 42.3985, 39.2127, 41.4106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

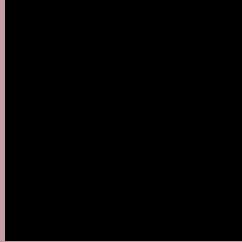
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3985, 39.2127, 41.4106

Background



This preview shows how black text looks on a background with the XYZ color 42.3985, 39.2127, 41.4106.



This preview shows how white text looks on a background with the XYZ color 42.3985, 39.2127,

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

42.3985, 39.2127, 41.4106

Protanopia

37.7470, 39.1238, 44.0902

Deuteranopia

40.1384, 39.3501, 41.0771



Tritanopia

42.6014, 39.0220, 43.3169

Trichromacy



Original Color

42.3985, 39.2127, 41.4106

Protanomaly

39.2593, 39.1188, 43.0176

Deuteranomaly

40.7716, 39.1535, 41.0058

Tritanomaly

42.5071, 38.9843, 42.8205

Monochromacy



Original Color

42.3985, 39.2127, 41.4106

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.8537, 39.9608, 43.1488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3985, 39.2127, 41.4106 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(198, 158, 166)` looks like.

```
.text, #text, p{  
    color:rgb(198, 158, 166)  
}
```

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(198, 158, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 158, 166) }
```

Border

The CSS property to change the border of an element to XYZ 42.3985, 39.2127, 41.4106 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(198, 158, 166) }
```


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

```
.border{ border-color:rgb(198, 158, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 158, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 158, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 158, 166);  
box-shadow:4px 4px 4px 4px rgb(198, 158,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3985, 39.2127, 41.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 158, 166) }
```

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

```
.background{ background-color: rgb(198,  
158, 166) }
```

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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