

Converting Colors

XYZ(43.0140, 39.4661, 43.2189)

Have a look what the booklet for
XYZ(43.0140, 39.4661, 43.2189)
contains.

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Color

**XYZ(43.0357, 39.4981,
43.3859)**

Conversions

Conversions Part 1

Format	Color
Hex	C79EAA
RGB	199, 158, 170
RGB Percent	78%, 62%, 67%
CMY	0.2196, 0.3804, 0.3333
CMYK	0.00, 0.21, 0.15, 0.22
HSL	342°, 27%, 70%
HSV	342°, 21%, 78%
XYZ	43.0357, 39.4981, 43.3859
YIQ	171.6270, 20.5840, 12.4240

Conversions

Conversions Part 2

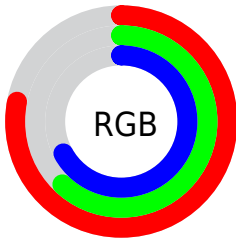
Format	Color
R_{YB}	199, 158, 170
Decimal	13082282
CIE Lab	69.11, 17.09, -0.43
CIE LCh	69, 17.093, 358.558
Yxy	39.4981, 0.3418, 0.3137
Android (android.graphics.Color)	4291272362 (0xFFC79EAA)
YUV	171.6270, -0.8021, 24.0061
Hunter-Lab	62.8475, 12.2472, 3.0632

Details

The XYZ color **43.0357, 39.4981, 43.3859** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4951, 51.7047, 54.7036**, and the grayscale version is **39.0218, 41.0540, 44.7078**.

A 20% lighter version of the original color is **78.6249, 74.2847, 81.4286**, and **20.1011, 17.6358, 19.4841** is the 20% darker color. If you saturate the color by 10%, you get **38.6512, 32.7470, 35.7025**, and if you desaturate by 10%, it is **48.1147, 47.4091, 52.0052**.

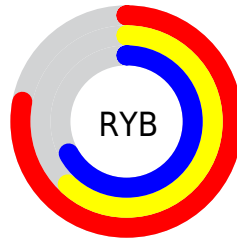
Distribution



Red (78%)

Green (62%)

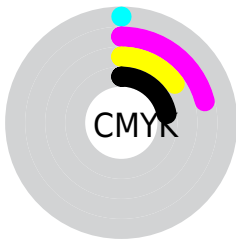
Blue (67%)



Red (78%)

Yellow (62%)

Blue (67%)

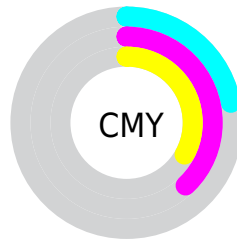


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0357, 39.4981, 43.3859 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 43.0357, 39.4981, 43.3859 by changing the saturation by 10% instead.


 43.0357, 39.4981,
43.3859

 43.0357, 39.4981,
43.3859


349.6776,
344.0036, 376.1641

 30.1078, 27.1474,
29.8544


 79.0201, 74.3986,
81.5855

 20.0689, 17.6840,
19.4770


 102.8073, 97.7173,
107.0906

 12.5537, 10.7233,
11.8351


130.9449,
125.4607, 137.4240

 7.1968, 5.8811,
6.5103

163.7984,
158.0134, 173.0042

 3.6329, 2.7729,
3.0840

201.7331,
195.7596, 214.2498

 1.4966, 1.0144,
1.1377

245.1142,

 0.3235, 0.0000,

239.0837, 261.5793

0.0000

294.3073,
288.3703, 315.4112

■ 0.0000, 0.0000,
0.0000

■ 43.0357, 39.4981,
43.3859

■ 43.0357, 39.4981,
43.3859

■ 38.6512, 32.7470,
35.7025

■ 48.1147, 47.4091,
52.0052

■ 34.9269, 27.0957,
28.9203

■ 53.9138, 56.5256,
61.5887

■ 31.8308, 22.4872,
23.0058

■ 60.4612, 66.8973,
72.1665

■ 29.3264, 18.8566,
17.9224

■ 67.7828, 78.5695,
83.7665

■ 27.3737, 16.1321,
13.6307

■ 75.0988, 89.9764,
96.1475

■ 25.9272, 14.2319,
10.0878

■ 77.2768, 90.8476,
107.6168

■ 24.9335, 13.0589,
7.2460

■ 77.3633, 90.8822,
108.0723

■ 24.3230, 12.4500,
5.1552

Harmonies

Analogous

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



42.1991, 39.4981, 51.3319



43.0357, 39.4981, 43.3859



42.3420, 39.4981, 36.2150

Triad

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



43.0357, 39.4981, 43.3859



35.0886, 39.4981, 31.1113



34.8705, 39.4981, 57.1449

Complementary

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



43.0357, 39.4981, 43.3859



43.4951, 51.7047, 54.7036

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.



33.1188, 39.4981, 50.5986



43.0357, 39.4981, 43.3859



33.2404, 39.4981, 35.6342

Square

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



43.0357, 39.4981, 43.3859



37.6739, 39.4981, 29.6646



32.5365, 39.4981, 42.6297



37.4099, 39.4981, 59.8476

Rectangle

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



43.0357, 39.4981, 43.3859



41.1230, 39.4981, 32.6961



32.5365, 39.4981, 42.6297



34.1747, 39.4981, 55.2848

Sweetspot

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



43.0368, 39.4999, 43.3867



88.6679, 89.9461, 98.4171



42.9572, 39.1061, 59.3173



18.8361, 19.0283, 20.8293



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.



43.0368, 39.4999, 43.3867



71.5464, 63.2791, 69.3537



43.3986, 41.9576, 38.1612



10.7594, 10.6872, 11.7164



15.6737, 8.0191, 3.4917



0.7744, 0.3926, 0.3350

Inverse Universe

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



43.0368, 39.4999, 43.3867



71.5464, 63.2791, 69.3537



42.9979, 48.5682, 61.1415



10.7594, 10.6872, 11.7164



15.6737, 8.0191, 3.4917



0.7744, 0.3926, 0.3350

Previews

White Background



This preview shows how the XYZ color 43.0357, 39.4981, 43.3859 looks on a white background.

Color Contrast Check

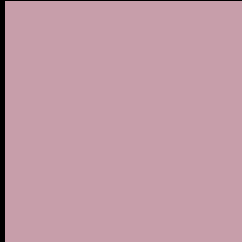
Large Text (above 18pt) WCAG AA × Fail

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 43.0357, 39.4981, 43.3859 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 43.0357, 39.4981, 43.3859

Background



This preview shows how black text looks on a background with the XYZ color 43.0357, 39.4981, 43.3859.



This preview shows how white text looks on a background with the XYZ color 43.0357, 39.4981,

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

43.0357, 39.4981, 43.3859

Protanopia

38.4167, 39.6859, 46.7097

Deuteranopia

40.4445, 39.7298, 43.0731



Tritanopia

43.0357, 39.4981, 43.3859

Trichromacy



Original Color

43.0357, 39.4981, 43.3859

Protanomaly

39.9715, 39.4307, 45.5486

Deuteranomaly

41.3170, 39.6524, 43.0122

Tritanomaly

43.0357, 39.4981, 43.3859

Monochromacy



Original Color

43.0357, 39.4981, 43.3859

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.4608, 40.5228, 44.2172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0357, 39.4981, 43.3859 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(199, 158, 170)` looks like.

```
.text, #text, p{  
    color:rgb(199, 158, 170)  
}
```

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(199, 158, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 158, 170) }
```

Border

The CSS property to change the border of an element to XYZ 43.0357, 39.4981, 43.3859 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(199, 158, 170) }
```


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

```
.border{ border-color:rgb(199, 158, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 158, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 158, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 158, 170);  
box-shadow:4px 4px 4px 4px rgb(199, 158,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0357, 39.4981, 43.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 158, 170) }
```

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

```
.background{ background-color: rgb(199,  
158, 170) }
```

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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