

Converting Colors

XYZ(43.7387, 39.5188, 51.0492)

Have a look what the booklet for
XYZ(43.7387, 39.5188, 51.0492)
contains.

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Color

**XYZ(43.8399, 39.4870,
51.2101)**

Conversions

Conversions Part 1

Format	Color
Hex	C59DB9
RGB	197, 157, 185
RGB Percent	77%, 62%, 73%
CMY	0.2274, 0.3843, 0.2745
CMYK	0.00, 0.20, 0.06, 0.23
HSL	318°, 26%, 69%
HSV	318°, 20%, 77%
XYZ	43.8399, 39.4870, 51.2101
YIQ	172.1520, 14.8520, 17.1880

Conversions

Conversions Part 2

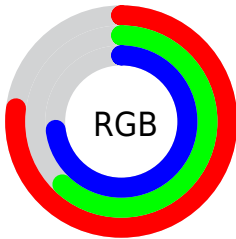
Format	Color
RYB	197, 157, 185
Decimal	12950969
CIELab	69.10, 19.50, -8.81
CIELCh	69, 21.395, 335.693
Yxy	39.4870, 0.3259, 0.2935
Android (android.graphics.Color)	4291141049 (0xFFC59DB9)
YUV	172.1520, 6.3341, 21.7917
Hunter-Lab	62.8387, 14.5642, -4.3310

Details

The XYZ color **43.8399, 39.4870, 51.2101** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.0339, 49.9663, 45.0201**, and the grayscale version is **39.2542, 41.2985, 44.9741**.

A 20% lighter version of the original color is **80.2937, 74.5087, 93.3688**, and **20.5441, 17.6087, 24.1458** is the 20% darker color. If you saturate the color by 10%, you get **40.1611, 33.1068, 46.9693**, and if you desaturate by 10%, it is **48.0844, 46.9559, 55.7683**.

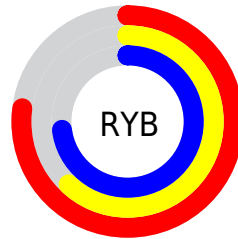
Distribution



Red (77%)

Green (62%)

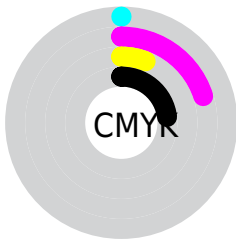
Blue (73%)



Red (77%)

Yellow (62%)

Blue (73%)

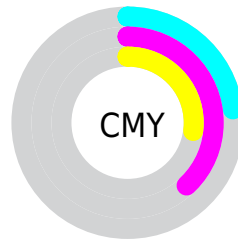


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (23%)



Cyan (23%)


Magenta (38%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8399, 39.4870, 51.2101 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 43.8399, 39.4870, 51.2101 by changing the saturation by 10% instead.

 43.8399, 39.4870,
51.2101


 43.8399, 39.4870,
51.2101


352.9178,
343.9566, 408.2494

 30.7420, 27.1388,
35.9980


 80.2246, 74.3817,
93.3799

 20.5534, 17.6775,
24.1429


 104.2422, 97.6970,
121.1747

 12.9085, 10.7187,
15.2265


132.6304,
125.4367, 154.0008

 7.4421, 5.8780,
8.8301

165.7545,
157.9854, 192.2767

 3.7889, 2.7710,
4.5352

203.9799,
195.7273, 236.4209

 1.5834, 1.0134,
1.9233

247.6721,

 0.3816, 0.0000,

239.0469, 286.8521

0.5075

297.1963,
288.3285, 343.9887

■ 0.0000, 0.0000,
0.0000

■ 43.8399, 39.4870,
51.2101

■ 43.8399, 39.4870,
51.2101

■ 40.1611, 33.1068,
46.9693

■ 48.0844, 46.9559,
55.7683

■ 37.0184, 27.7584,
43.0333

■ 52.9153, 55.5562,
60.6511

■ 34.3850, 23.3879,
39.3919

■ 58.3567, 65.3350,
65.8683

■ 32.2299, 19.9342,
36.0333

■ 64.4301, 76.3349,
71.4287

■ 30.5190, 17.3293,
32.9444

■ 70.9948, 88.2739,
77.2867

■ 29.2132, 15.4958,
30.1106

■ 71.7662, 88.5824,
81.3488

■ 28.2665, 14.3420,
27.5148

■ 72.5653, 88.9021,
85.5569

■ 27.6061, 13.7024,
25.1949

■ 73.3924, 89.2329,
89.9124

■ 74.2478, 89.5751,
94.4167

Harmonies

Analogous

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



41.4946, 39.4870, 60.1494



43.8399, 39.4870, 51.2101



44.4525, 39.4870, 41.1557

Triad

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



43.8399, 39.4870, 51.2101



36.8835, 39.4870, 26.8639



32.4464, 39.4870, 54.9279

Complementary

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



43.8399, 39.4870, 51.2101



41.0339, 49.9663, 45.0201

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.



31.3685, 39.4870, 44.8876



43.8399, 39.4870, 51.2101



33.8286, 39.4870, 29.4575

Square

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



43.8399, 39.4870, 51.2101



40.2997, 39.4870, 28.0311



31.8588, 39.4870, 35.7084



34.8925, 39.4870, 62.5136

Rectangle

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



43.8399, 39.4870, 51.2101



43.7654, 39.4870, 35.3451



31.8588, 39.4870, 35.7084



31.9190, 39.4870, 51.6751

Sweetspot

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



43.8411, 39.4887, 51.2109



89.6315, 90.3315, 103.4912



38.4988, 36.5821, 57.8560



19.0637, 19.1194, 22.0282



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.



43.8411, 39.4887, 51.2109



75.7206, 65.8479, 88.5630



41.8759, 38.7027, 40.8624



10.9423, 10.7603, 12.6794



18.1959, 9.0279, 16.7735



0.8925, 0.4398, 0.9569

Inverse Universe

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



43.8411, 39.4887, 51.2109



75.7206, 65.8479, 88.5630



43.0575, 50.7758, 55.6765



10.9423, 10.7603, 12.6794



18.1959, 9.0279, 16.7735



0.8925, 0.4398, 0.9569

Previews

White Background



This preview shows how the XYZ color 43.8399, 39.4870, 51.2101 looks on a white background.

Color Contrast Check

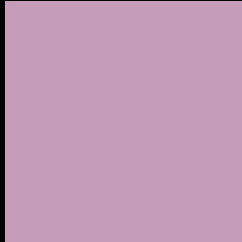
Large Text (above 18pt) WCAG AA × Fail

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 43.8399, 39.4870, 51.2101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

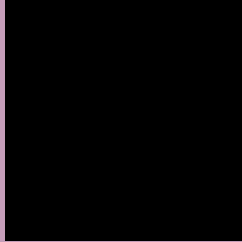
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8399, 39.4870, 51.2101

Background



This preview shows how black text looks on a background with the XYZ color 43.8399, 39.4870, 51.2101.



This preview shows how white text looks on a background with the XYZ color 43.8399, 39.4870,

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

43.8399, 39.4870, 51.2101

Protanopia

39.0341, 39.8104, 55.4960

Deuteranopia

40.5176, 39.5953, 50.8546



Tritanopia

42.3502, 39.3769, 44.3981

Trichromacy



Original Color

43.8399, 39.4870, 51.2101

Protanomaly

40.5922, 39.5722, 53.6429

Deuteranomaly

41.6463, 39.3895, 50.7553

Tritanomaly

42.9276, 39.3638, 46.9304

Monochromacy



Original Color

43.8399, 39.4870, 51.2101

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.8106, 40.6355, 47.2875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8399, 39.4870, 51.2101 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, 157, 185)` looks like.

```
.text, #text, p{  
    color:rgb(197, 157, 185)  
}
```

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, 157, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 157, 185) }
```

Border

The CSS property to change the border of an element to XYZ 43.8399, 39.4870, 51.2101 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, 157, 185) }
```


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

```
.border{ border-color:rgb(197, 157, 185) }
```

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

Here you see how a box with a 4 pixel rgb(197, 157, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 157, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 157, 185);  
box-shadow:4px 4px 4px 4px rgb(197, 157,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8399, 39.4870, 51.2101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 157, 185) }
```

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

```
.background{ background-color: rgb(197,  
157, 185) }
```

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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