

Converting Colors

$Y_{xy}(39.3752, 0.3424, 0.3039)$

Have a look what the booklet for
Yxy(39.3752, 0.3424, 0.3039)
contains.

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Color

Yxy(39.3752, 0.3424, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	CC9BAF
RGB	204, 155, 175
RGB Percent	80%, 61%, 69%
CMY	0.2000, 0.3922, 0.3137
CMYK	0.00, 0.24, 0.14, 0.20
HSL	335°, 32%, 70%
HSV	335°, 24%, 80%
XYZ	44.3635, 39.3752, 45.8276
YIQ	171.9310, 22.7840, 16.6080

Conversions

Conversions Part 2

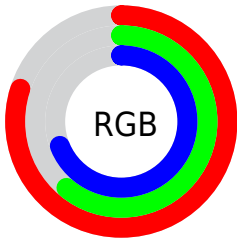
Format	Color
R_{YB}	204, 155, 175
Decimal	13409199
CIE _{Lab}	69.02, 21.38, -3.29
CIE _{LCh}	69, 21.629, 351.243
Yxy	39.3752, 0.3424, 0.3039
Android (android.graphics.Color)	4291599279 (0xFFCC9BAF)
YUV	171.9310, 1.5130, 28.1245
Hunter-Lab	62.7497, 16.3861, 0.6238

Details

The Yxy color **39.3752, 0.3424, 0.3039** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.6178, 0.2903, 0.3556**, and the grayscale version is **41.2033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0664, 0.3323, 0.3090**, and **17.5201, 0.3507, 0.2951** is the 20% darker color. If you saturate the color by 10%, you get **32.6973, 0.3594, 0.2929**, and if you desaturate by 10%, it is **47.2462, 0.3283, 0.3147**.

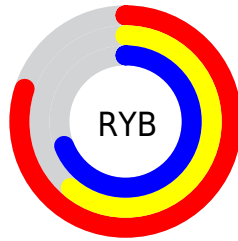
Distribution



Red (80%)

Green (61%)

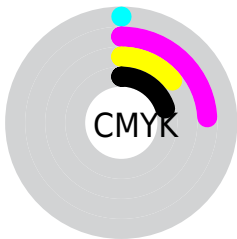
Blue (69%)



Red (80%)

Yellow (61%)

Blue (69%)

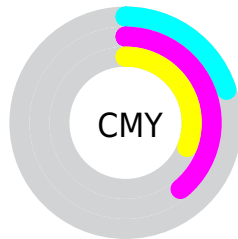


Cyan (0%)

Magenta (24%)

Yellow (14%)

Black (20%)



Cyan (20%)


Magenta (39%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3752, 0.3424, 0.3039 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 Yxy color 39.3752, 0.3424, 0.3039 by changing the saturation by 10% instead.


 39.3752, 0.3424,
0.3039


 39.3752, 0.3424,
0.3039


343.4831, 0.3272,
0.3166

 27.0517, 0.3463,
0.3007


 74.2111, 0.3368,
0.3086

 17.6121, 0.3514,
0.2965


 97.4924, 0.3347,
0.3103

 10.6718, 0.3582,
0.2909

125.1951, 0.3330,
0.3118

 5.8466, 0.3680,
0.2830

157.7035, 0.3315,
0.3130

 2.7520, 0.3831,
0.2709

195.4022, 0.3302,
0.3141

 1.0037, 0.4095,
0.2505

238.6754, 0.3291,


 0.0000, 0.7885,


0.3150

0.0000


287.9075, 0.3281,
0.3159

 0.0000, 0.0000,
0.0000


 39.3752, 0.3424,
0.3039

 39.3752, 0.3424,
0.3039


 32.6973, 0.3594,
0.2929


 47.2462, 0.3283,
0.3147


 27.1484, 0.3796,
0.2822


 56.3595, 0.3168,
0.3250


 22.6665, 0.4032,
0.2726

 66.7681, 0.3073,
0.3347

 19.1815, 0.4302,
0.2651

 78.5205, 0.2995,
0.3436

 16.6146, 0.4596,
0.2610

 90.3771, 0.2930,
0.3497

■ 14.8752, 0.4900,
0.2616

■ 91.1000, 0.2866,
0.3368

■ 13.8535, 0.5193,
0.2674

■ 91.5783, 0.2827,
0.3289

■ 13.4679, 0.5360,
0.2726

Harmonies

Analogous

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



39.3752, 0.3102, 0.2851



39.3752, 0.3424, 0.3039



39.3752, 0.3672, 0.3290

Triad

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



39.3752, 0.3424, 0.3039



39.3752, 0.3440, 0.3862



39.3752, 0.2528, 0.2977

Complementary

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



39.3752, 0.3424, 0.3039



53.6178, 0.2903, 0.3556

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.



39.3752, 0.2608, 0.3252



39.3752, 0.3424, 0.3039



39.3752, 0.3127, 0.3789

Square

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



39.3752, 0.3424, 0.3039



39.3752, 0.3677, 0.3767



39.3752, 0.2824, 0.3558



39.3752, 0.2596, 0.2807

Rectangle

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



39.3752, 0.3424, 0.3039



39.3752, 0.3755, 0.3468



39.3752, 0.2824, 0.3558



39.3752, 0.2538, 0.3060

Sweetspot

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



39.3770, 0.3424, 0.3039



88.4737, 0.3201, 0.3219



37.9423, 0.2969, 0.2663



18.7351, 0.3208, 0.3213



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.3770, 0.3424, 0.3039



59.0440, 0.3511, 0.2980



40.0302, 0.3611, 0.3344



11.2884, 0.3227, 0.3196



8.4937, 0.5324, 0.2707



0.4531, 0.4814, 0.2426

Inverse Universe

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



39.3770, 0.3424, 0.3039



59.0440, 0.3511, 0.2980



52.6014, 0.2771, 0.3236



11.2884, 0.3227, 0.3196



8.4937, 0.5324, 0.2707



0.4531, 0.4814, 0.2426

Previews

White Background



This preview shows how the Yxy color 39.3752, 0.3424, 0.3039 looks on a white background.

Color Contrast Check

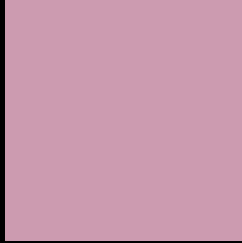
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 39.3752, 0.3424, 0.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

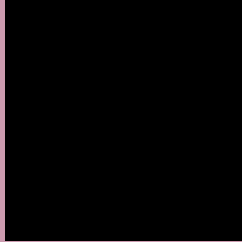
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3752, 0.3424, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 39.3752, 0.3424, 0.3039.



This preview shows how white text looks on a background with the Yxy color 39.3752, 0.3424, 0.3039.

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

39.3752, 0.3424, 0.3039

Protanopia

39.7490, 0.3003, 0.3084

Deuteranopia

39.6353, 0.3227, 0.3170



Tritanopia

39.3006, 0.3481, 0.3139

Trichromacy



Original Color

39.3752, 0.3424, 0.3039

Protanomaly

39.3134, 0.3147, 0.3063

Deuteranomaly

39.6221, 0.3297, 0.3120

Tritanomaly

39.4137, 0.3451, 0.3101

Monochromacy



Original Color

39.3752, 0.3424, 0.3039

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.4799, 0.3234, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3752, 0.3424, 0.3039 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(204, 155, 175)` looks like.

```
.text, #text, p{  
    color:rgb(204, 155, 175)  
}
```

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(204, 155, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 155, 175) }
```

Border

The CSS property to change the border of an element to Yxy 39.3752, 0.3424, 0.3039 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(204, 155, 175) }
```

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

```
.border{ border-color:rgb(204, 155, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 155, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 155, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 155, 175);  
box-shadow:4px 4px 4px 4px rgb(204, 155,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3752, 0.3424, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 155, 175) }
```

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

```
.background{ background-color: rgb(204,  
155, 175) }
```

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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