

# Converting Colors

$Yxy(39.5260, 0.3382, 0.3139)$

Have a look what the booklet for  
Yxy(39.5260, 0.3382, 0.3139)  
contains.

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# Color

**Yxy(39.4723, 0.3377, 0.3135)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C49FAB
RGB	196, 159, 171
RGB Percent	77%, 62%, 67%
CMY	0.2313, 0.3765, 0.3293
CMYK	0.00, 0.19, 0.13, 0.23
HSL	341°, 24%, 70%
HSV	341°, 19%, 77%
XYZ	42.5193, 39.4723, 43.9169
YIQ	171.4310, 18.2000, 11.5760

# Conversions

## Conversions Part 2

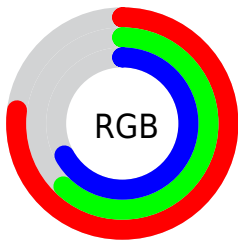
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 159, 171
Decimal	12885931
CIE Lab	69.09, 15.63, -1.06
CIE LCh	69, 15.661, 356.119
Yxy	39.4723, 0.3377, 0.3135
Android (android.graphics.Color)	4291076011 (0xFFC49FAB)
YUV	171.4310, -0.2125, 21.5470
Hunter-Lab	62.8270, 10.8558, 2.5344

# Details

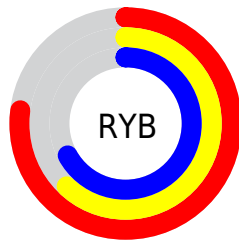
The Yxy color **39.4723, 0.3377, 0.3135** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.3199, 0.2928, 0.3451**, and the grayscale version is **40.9491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4668, 0.3332, 0.3170**, and **17.5981, 0.3455, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **32.7790, 0.3553, 0.3048**, and if you desaturate by 10%, it is **47.2887, 0.3233, 0.3219**.

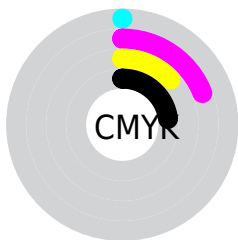
# Distribution



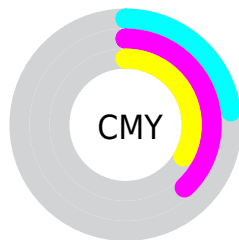
- Red (77%)
- Green (62%)
- Blue (67%)



- Red (77%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (23%)




- Cyan (23%)
- Magenta (38%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4723, 0.3377, 0.3135 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 39.4723, 0.3377, 0.3135 by changing the saturation by 10% instead.





 39.4723, 0.3377,  
0.3135


 39.4723, 0.3377,  
0.3135


343.8944, 0.3249,  
0.3214

 27.1273, 0.3410,  
0.3115


 74.3593, 0.3330,  
0.3164

 17.6689, 0.3453,  
0.3088


 97.6701, 0.3312,  
0.3175

 10.7125, 0.3512,  
0.3052


125.4050, 0.3297,  
0.3184

 5.8739, 0.3597,  
0.3001

157.9483, 0.3285,  
0.3192

 2.7685, 0.3729,  
0.2921

195.6846, 0.3274,  
0.3199

 1.0121, 0.3963,  
0.2781

238.9980, 0.3264,

 0.0000, 1.0000,

0.3205

0.0000

288.2732, 0.3256,  
0.3210

0.0000, 0.0000,  
0.0000

39.4723, 0.3377,  
0.3135

39.4723, 0.3377,  
0.3135

32.7790, 0.3553,  
0.3048

47.2887, 0.3233,  
0.3219

27.1517, 0.3766,  
0.2960

56.2714, 0.3115,  
0.3299

22.5364, 0.4019,  
0.2879

66.4674, 0.3019,  
0.3372

18.8721, 0.4315,  
0.2812

77.9200, 0.2940,  
0.3439

16.0912, 0.4645,  
0.2771

89.3843, 0.2875,  
0.3480

■ 14.1170, 0.4996,  
0.2767

■ 90.1875, 0.2807,  
0.3337

■ 12.8596, 0.5340,  
0.2809

■ 90.4785, 0.2784,  
0.3289

■ 12.1692, 0.5650,  
0.2895

■ 12.1051, 0.5683,  
0.2904

# Harmonies

## Analogous

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



39.4723, 0.3150, 0.2985



39.4723, 0.3377, 0.3135



39.4723, 0.3539, 0.3326

# Triad

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



39.4723, 0.3377, 0.3135



39.4723, 0.3322, 0.3700



39.4723, 0.2688, 0.3041

# Complementary

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



39.4723, 0.3377, 0.3135



50.3199, 0.2928, 0.3451

# 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.



39.4723, 0.2731, 0.3231



39.4723, 0.3377, 0.3135



39.4723, 0.3092, 0.3625

# Square

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



39.4723, 0.3377, 0.3135



39.4723, 0.3505, 0.3656



39.4723, 0.2877, 0.3449



39.4723, 0.2757, 0.2926



# Rectangle

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



39.4723, 0.3377, 0.3135



39.4723, 0.3585, 0.3456



39.4723, 0.2877, 0.3449



39.4723, 0.2690, 0.3097

# Sweetspot

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



39.4741, 0.3377, 0.3135



89.9761, 0.3198, 0.3242



38.9316, 0.3036, 0.2811



19.0354, 0.3206, 0.3237



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.



39.4741, 0.3377, 0.3135



65.8250, 0.3451, 0.3096



41.2116, 0.3478, 0.3371



10.1306, 0.3239, 0.3215



7.7904, 0.5646, 0.2884



0.3494, 0.5004, 0.2530



# Inverse Universe

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



39.4741, 0.3377, 0.3135



65.8250, 0.3451, 0.3096



48.1187, 0.2842, 0.3207



10.1306, 0.3239, 0.3215



7.7904, 0.5646, 0.2884

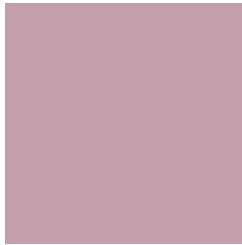


0.3494, 0.5004, 0.2530



# Previews

## White Background



This preview shows how the Yxy color 39.4723, 0.3377, 0.3135 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

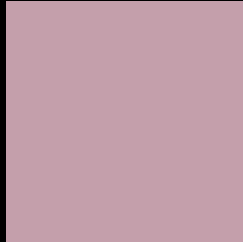
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 39.4723, 0.3377, 0.3135 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

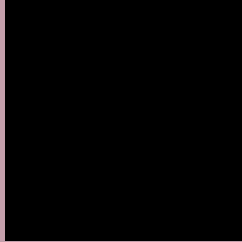
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 39.4723, 0.3377, 0.3135**

## Background



This preview shows how black text looks on a background with the Yxy color 39.4723, 0.3377, 0.3135.



This preview shows how white text looks on a background with the Yxy color 39.4723, 0.3377, 0.3135.

# 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

39.4723, 0.3377, 0.3135

### Protanopia

39.6859, 0.3078, 0.3180

### Deuteranopia

39.6435, 0.3263, 0.3210



## Tritanopia

39.4723, 0.3377, 0.3135

# Trichromacy



## Original Color

39.4723, 0.3377, 0.3135

## Protanomaly

39.5500, 0.3179, 0.3169

## Deuteranomaly

39.4343, 0.3304, 0.3184

## Tritanomaly

39.4723, 0.3377, 0.3135

# Monochromacy



## Original Color

39.4723, 0.3377, 0.3135

## Achromatopsia

40.7240, 0.3127, 0.3290

## Achromatomaly

40.2810, 0.3213, 0.3236

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.4723, 0.3377, 0.3135 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(196, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(196, 159, 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(196, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 159, 171) }
```

## Border

The CSS property to change the border of an element to Yxy 39.4723, 0.3377, 0.3135 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(196, 159, 171) }
```

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

```
.border{ border-color:rgb(196, 159, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 159, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 159, 171);  
box-shadow:4px 4px 4px 4px rgb(196, 159,  
171) }
```



# Background

The CSS property to change the background color of an element to  $\text{Yxy } 39.4723, 0.3377, 0.3135$  is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 159, 171) }
```

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

```
.background{ background-color: rgb(196,  
159, 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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