

Converting Colors

$Yxy(39.5858, 0.3347, 0.3009)$

Have a look what the booklet for
Yxy(39.5858, 0.3347, 0.3009)
contains.

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Color

Yxy(39.6480, 0.3343, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	C89DB3
RGB	200, 157, 179
RGB Percent	78%, 62%, 70%
CMY	0.2158, 0.3842, 0.2980
CMYK	0.00, 0.21, 0.10, 0.22
HSL	329°, 28%, 70%
HSV	329°, 21%, 78%
XYZ	44.0051, 39.6480, 47.9804
YIQ	172.3650, 18.5660, 15.9580

Conversions

Conversions Part 2

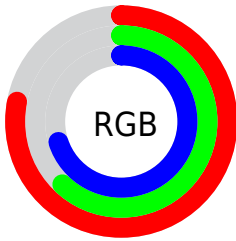
Format	Color
R _Y B	200, 157, 179
Decimal	13147571
CIE Lab	69.22, 19.49, -5.27
CIE LCh	69, 20.184, 344.876
Yxy	39.6480, 0.3343, 0.3012
Android (android.graphics.Color)	4291337651 (0xFFC89DB3)
YUV	172.3650, 3.2711, 24.2359
Hunter-Lab	62.9667, 14.5554, -1.1021

Details

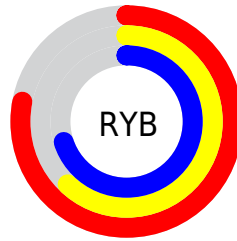
The Yxy color **39.6480, 0.3343, 0.3012** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.6745, 0.2955, 0.3586**, and the grayscale version is **41.4252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3451, 0.3285, 0.3061**, and **17.7205, 0.3419, 0.2931** is the 20% darker color. If you saturate the color by 10%, you get **33.0460, 0.3476, 0.2876**, and if you desaturate by 10%, it is **47.3889, 0.3232, 0.3145**.

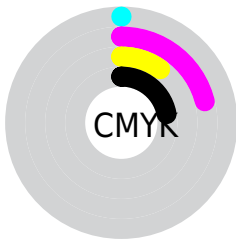
Distribution



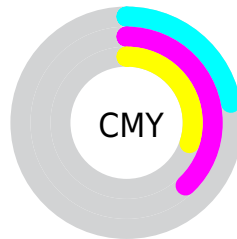
- Red (78%)
- Green (62%)
- Blue (70%)



- Red (78%)
- Yellow (62%)
- Blue (70%)



- Cyan (0%)
- Magenta (21%)
- Yellow (10%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6480, 0.3343, 0.3012 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 39.6480, 0.3343, 0.3012 by changing the saturation by 10% instead.


 39.6480, 0.3343,
0.3012


 39.6480, 0.3343,
0.3012


344.6377, 0.3234,
0.3152

 27.2642, 0.3371,
0.2977


 74.6272, 0.3303,
0.3063

 17.7717, 0.3407,
0.2931


 97.9914, 0.3288,
0.3082

 10.7862, 0.3455,
0.2871

125.7845, 0.3275,
0.3098

 5.9233, 0.3524,
0.2786

158.3909, 0.3265,
0.3112

 2.7985, 0.3629,
0.2658

196.1951, 0.3255,
0.3124

 1.0275, 0.3808,
0.2443

239.5813, 0.3247,

 0.0000, 0.5895,

0.3134

0.0000

288.9341, 0.3240,
0.3144

0.0000, 0.0000,
0.0000

39.6480, 0.3343,
0.3012

39.6480, 0.3343,
0.3012

33.0460, 0.3476,
0.2876

47.3889, 0.3232,
0.3145

27.5231, 0.3633,
0.2741

56.3140, 0.3139,
0.3272

23.0223, 0.3815,
0.2616

66.4727, 0.3063,
0.3391

19.4790, 0.4021,
0.2511


77.9100, 0.3000,
0.3501

16.8212, 0.4247,
0.2437


89.3847, 0.2947,
0.3582


 14.9665, 0.4485,
0.2407

 89.9417, 0.2895,
0.3475

 13.8168, 0.4723,
0.2429

 90.5298, 0.2844,
0.3370

 13.2402, 0.4920,
0.2484

 91.0140, 0.2805,
0.3289

Harmonies

Analogous

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



39.6480, 0.3040, 0.2854



39.6480, 0.3343, 0.3012



39.6480, 0.3595, 0.3239

Triad

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



39.6480, 0.3343, 0.3012



39.6480, 0.3475, 0.3815



39.6480, 0.2572, 0.3048

Complementary

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



39.6480, 0.3343, 0.3012



51.6745, 0.2955, 0.3586

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.



39.6480, 0.2676, 0.3317



39.6480, 0.3343, 0.3012



39.6480, 0.3192, 0.3781

Square

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



39.6480, 0.3343, 0.3012



39.6480, 0.3670, 0.3700



39.6480, 0.2900, 0.3593



39.6480, 0.2606, 0.2864

Rectangle

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



39.6480, 0.3343, 0.3012



39.6480, 0.3694, 0.3405



39.6480, 0.2900, 0.3593



39.6480, 0.2591, 0.3131

Sweetspot

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



39.6498, 0.3343, 0.3012



90.1519, 0.3180, 0.3214



37.7279, 0.2950, 0.2729



19.0769, 0.3186, 0.3206



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.



39.6498, 0.3343, 0.3012



62.8343, 0.3405, 0.2945



38.8547, 0.3549, 0.3282



10.7260, 0.3211, 0.3172



8.4404, 0.4890, 0.2467



0.4143, 0.4447, 0.2223

Inverse Universe

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



39.6498, 0.3343, 0.3012



62.8343, 0.3405, 0.2945



52.5957, 0.2815, 0.3298



10.7260, 0.3211, 0.3172



8.4404, 0.4890, 0.2467



0.4143, 0.4447, 0.2223

Previews

White Background



This preview shows how the Yxy color 39.6480, 0.3343, 0.3012 looks on a white background.

Color Contrast Check

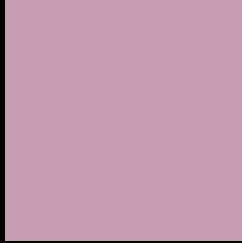
Large Text (above 18pt) WCAG AA × Fail

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 39.6480, 0.3343, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

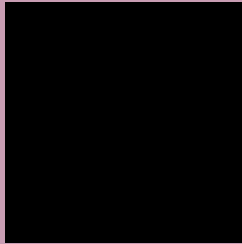
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6480, 0.3343, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 39.6480, 0.3343, 0.3012.



This preview shows how white text looks on a background with the Yxy color 39.6480, 0.3343, 0.3012.

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

39.6480, 0.3343, 0.3012

Protanopia

39.7659, 0.2970, 0.3044

Deuteranopia

39.7104, 0.3173, 0.3103



Tritanopia

39.5361, 0.3408, 0.3124

Trichromacy



Original Color

39.6480, 0.3343, 0.3012

Protanomaly

39.5535, 0.3102, 0.3036

Deuteranomaly

39.5229, 0.3242, 0.3068

Tritanomaly

39.6518, 0.3379, 0.3086

Monochromacy



Original Color

39.6480, 0.3343, 0.3012

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.6777, 0.3197, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6480, 0.3343, 0.3012 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(200, 157, 179)` looks like.

```
.text, #text, p{  
  color:rgb(200, 157, 179)  
}
```

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(200, 157, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 157, 179) }
```

Border

The CSS property to change the border of an element to Yxy 39.6480, 0.3343, 0.3012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

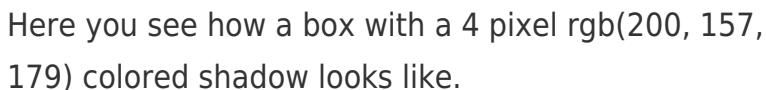
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 157, 179) }
```

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

```
.border{ border-color:rgb(200, 157, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(200, 157, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 157, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 157, 179);  
box-shadow:4px 4px 4px 4px rgb(200, 157,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6480, 0.3343, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 157, 179) }
```

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

```
.background{ background-color: rgb(200,  
157, 179) }
```

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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