

Converting Colors

$Yxy(39.7504, 0.3320, 0.3048)$

Have a look what the booklet for
Yxy(39.7504, 0.3320, 0.3048)
contains.

Yxy(39.8809, 0.3321, 0.3047)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.8809, 0.3321, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	C59FB2
RGB	197, 159, 178
RGB Percent	77%, 62%, 70%
CMY	0.2273, 0.3765, 0.3019
CMYK	0.00, 0.19, 0.10, 0.23
HSL	330°, 25%, 70%
HSV	330°, 19%, 77%
XYZ	43.4672, 39.8809, 47.5377
YIQ	172.5280, 16.5490, 13.9650

Conversions

Conversions Part 2

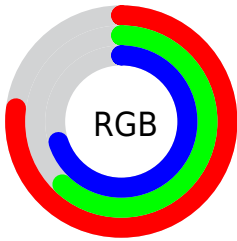
Format	Color
RYB	197, 159, 178
Decimal	12951474
CIELab	69.38, 17.18, -4.51
CIELCh	69, 17.767, 345.296
Yxy	39.8809, 0.3321, 0.3047
Android (android.graphics.Color)	4291141554 (0xFFC59FB2)
YUV	172.5280, 2.6977, 21.4619
Hunter-Lab	63.1513, 12.3470, -0.4251

Details

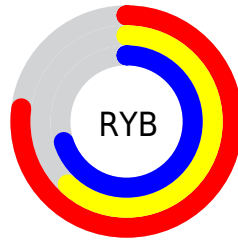
The Yxy color **39.8809, 0.3321, 0.3047** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.5299, 0.2969, 0.3547**, and the grayscale version is **41.5187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1045, 0.3283, 0.3091**, and **17.8357, 0.3387, 0.2978** is the 20% darker color. If you saturate the color by 10%, you get **33.2568, 0.3452, 0.2914**, and if you desaturate by 10%, it is **47.6170, 0.3212, 0.3176**.

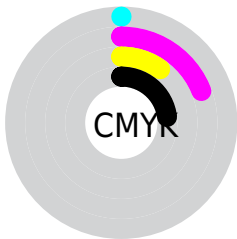
Distribution



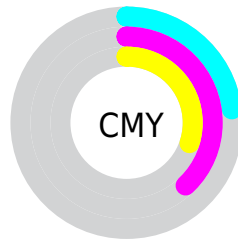
- Red (77%)
- Green (62%)
- Blue (70%)



- Red (77%)
- Yellow (62%)
- Blue (70%)



- Cyan (0%)
- Magenta (19%)
- Yellow (10%)
- Black (23%)





- Cyan (23%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8809, 0.3321, 0.3047 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 39.8809, 0.3321, 0.3047 by changing the saturation by 10% instead.


 39.8809, 0.3321,
0.3047


 39.8809, 0.3321,
0.3047


345.6213, 0.3223,
0.3170

 27.4457, 0.3346,
0.3016


 74.9821, 0.3285,
0.3092

 17.9082, 0.3378,
0.2976


 98.4169, 0.3271,
0.3108

 10.8841, 0.3422,
0.2923


126.2870, 0.3260,
0.3123

 5.9890, 0.3484,
0.2848

158.9769, 0.3250,
0.3135

 2.8384, 0.3579,
0.2734

196.8708, 0.3242,
0.3145

 1.0479, 0.3743,
0.2542

240.3533, 0.3235,

 0.0000, 0.5954,

0.3154

0.0000

289.8087, 0.3228,
0.3162

■ 0.0000, 0.0000,
0.0000

■ 39.8809, 0.3321,
0.3047

■ 39.8809, 0.3321,
0.3047

■ 33.2568, 0.3452,
0.2914

■ 47.6170, 0.3212,
0.3176

■ 27.6877, 0.3607,
0.2782

■ 56.5080, 0.3121,
0.3298

■ 23.1196, 0.3788,
0.2657

■ 66.6011, 0.3047,
0.3412

■ 19.4915, 0.3994,
0.2548

■ 77.9391, 0.2985,
0.3518

■ 16.7357, 0.4223,
0.2469

■ 88.9539, 0.2933,
0.3589

■ 14.7753, 0.4466,
0.2431

■ 89.5140, 0.2881,
0.3481

■ 13.5196, 0.4712,
0.2444

■ 90.1057, 0.2830,
0.3374

■ 12.8098, 0.4951,
0.2505

■ 90.6142, 0.2789,
0.3289

■ 12.7671, 0.4967,
0.2510

Harmonies

Analogous

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



39.8809, 0.3055, 0.2905



39.8809, 0.3321, 0.3047



39.8809, 0.3540, 0.3249

Triad

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



39.8809, 0.3321, 0.3047



39.8809, 0.3431, 0.3751



39.8809, 0.2636, 0.3076

Complementary

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



39.8809, 0.3321, 0.3047



50.5299, 0.2969, 0.3547

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.



39.8809, 0.2728, 0.3311



39.8809, 0.3321, 0.3047



39.8809, 0.3182, 0.3717

Square

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



39.8809, 0.3321, 0.3047



39.8809, 0.3603, 0.3655



39.8809, 0.2925, 0.3552



39.8809, 0.2669, 0.2913

Rectangle

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



39.8809, 0.3321, 0.3047



39.8809, 0.3626, 0.3397



39.8809, 0.2925, 0.3552



39.8809, 0.2653, 0.3149

Sweetspot

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



39.8827, 0.3321, 0.3047



90.1410, 0.3181, 0.3216



38.2171, 0.2971, 0.2790



19.0743, 0.3187, 0.3208



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.



39.8827, 0.3321, 0.3047



66.3722, 0.3371, 0.2994



39.1924, 0.3496, 0.3283



10.7240, 0.3213, 0.3175



8.4116, 0.4938, 0.2494



0.4129, 0.4483, 0.2243

Inverse Universe

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



39.8827, 0.3321, 0.3047



66.3722, 0.3371, 0.2994



51.3192, 0.2845, 0.3298



10.7240, 0.3213, 0.3175



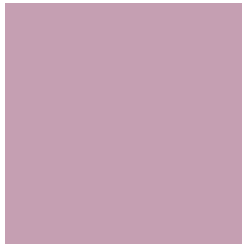
8.4116, 0.4938, 0.2494



0.4129, 0.4483, 0.2243

Previews

White Background



This preview shows how the Yxy color 39.8809, 0.3321, 0.3047 looks on a white background.

Color Contrast Check

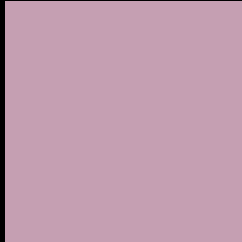
Large Text (above 18pt) WCAG AA × Fail

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 39.8809, 0.3321, 0.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

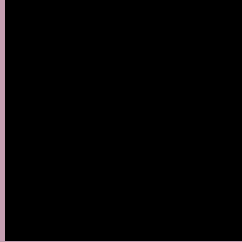
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8809, 0.3321, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 39.8809, 0.3321, 0.3047.



This preview shows how white text looks on a background with the Yxy color 39.8809, 0.3321, 0.3047.

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

39.8809, 0.3321, 0.3047

Protanopia

40.2716, 0.3003, 0.3085

Deuteranopia

40.1519, 0.3190, 0.3131



Tritanopia

39.8559, 0.3366, 0.3136

Trichromacy



Original Color

39.8809, 0.3321, 0.3047

Protanomaly

39.8714, 0.3110, 0.3063

Deuteranomaly

40.0601, 0.3239, 0.3106

Tritanomaly

39.9334, 0.3347, 0.3110

Monochromacy



Original Color

39.8809, 0.3321, 0.3047

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.0455, 0.3196, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8809, 0.3321, 0.3047 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, 159, 178)` looks like.

```
.text, #text, p{  
    color:rgb(197, 159, 178)  
}
```

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, 159, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 159, 178) }
```

Border

The CSS property to change the border of an element to Yxy 39.8809, 0.3321, 0.3047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

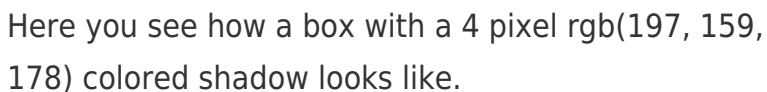
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 159, 178) }
```

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

```
.border{ border-color:rgb(197, 159, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 159, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 159, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 159, 178); box-shadow:4px 4px 4px 4px rgb(197, 159, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8809, 0.3321, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 159, 178) }
```

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

```
.background{ background-color: rgb(197,  
159, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor