

Converting Colors

Yxy(39.2376, 0.3100, 0.2643)

Have a look what the booklet for
Yxy(39.2376, 0.3100, 0.2643)
contains.

Yxy(39.3324, 0.3101, 0.2654)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.3324, 0.3101, 0.2654)

Conversions

Conversions Part 1

Format	Color
Hex	C799CD
RGB	199, 153, 205
RGB Percent	78%, 60%, 80%
CMY	0.2197, 0.3999, 0.1962
CMYK	0.03, 0.25, 0.00, 0.20
HSL	293°, 34%, 70%
HSV	293°, 25%, 80%
XYZ	45.9570, 39.3324, 62.9111
YIQ	172.6820, 10.7240, 25.9240

Conversions

Conversions Part 2

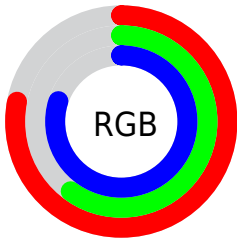
Format	Color
R_{YB}	199, 153, 205
Decimal	13081037
CIE _{Lab}	68.99, 26.10, -20.04
CIE _{LCh}	69, 32.906, 322.479
Yxy	39.3324, 0.3101, 0.2654
Android (android.graphics.Color)	4291271117 (0xFFC799CD)
YUV	172.6820, 15.9328, 23.0809
Hunter-Lab	62.7155, 21.0498, -15.5740

Details

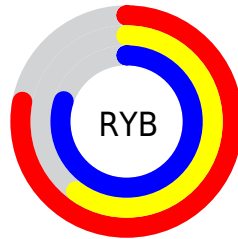
The Yxy color **39.3324, 0.3101, 0.2654** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.3237, 0.3139, 0.3996**, and the grayscale version is **41.5323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5918, 0.3149, 0.2831**, and **17.4710, 0.3074, 0.2471** is the 20% darker color. If you saturate the color by 10%, you get **32.8688, 0.3085, 0.2399**, and if you desaturate by 10%, it is **46.9571, 0.3114, 0.2910**.

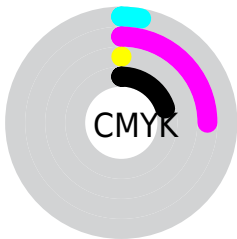
Distribution



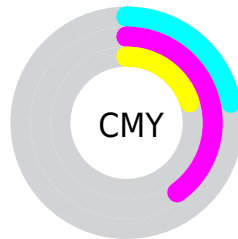
- Red (78%)
- Green (60%)
- Blue (80%)



- Red (78%)
- Yellow (60%)
- Blue (80%)



- Cyan (3%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3324, 0.3101, 0.2654 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 39.3324, 0.3101, 0.2654 by changing the saturation by 10% instead.


 39.3324, 0.3101,
0.2654


 39.3324, 0.3101,
0.2654


343.3016, 0.3120,
0.2965

 27.0184, 0.3094,
0.2579


 74.1458, 0.3110,
0.2765

 17.5871, 0.3084,
0.2484

 97.4141, 0.3112,
0.2807

 10.6539, 0.3070,
0.2361


125.1025, 0.3114,
0.2843

 5.8346, 0.3046,
0.2194

157.5956, 0.3116,
0.2874

 2.7448, 0.3003,
0.1958

195.2776, 0.3118,
0.2901

 1.0000, 0.2917,
0.1601

238.5330, 0.3119,

 0.0000, 0.2876,

0.2925

0.0000

287.7463, 0.3120,
0.2946

0.0000, 0.0000,
0.0000

39.3324, 0.3101,
0.2654

39.3324, 0.3101,
0.2654

32.8688, 0.3085,
0.2399

46.9571, 0.3114,
0.2910

27.5021, 0.3066,
0.2155

55.7923, 0.3123,
0.3160

23.1699, 0.3043,
0.1931

65.8911, 0.3130,
0.3400

19.8016, 0.3018,
0.1738

77.3017, 0.3135,
0.3624

17.3172, 0.2990,
0.1583

89.7470, 0.3138,
0.3827

■ 15.6244, 0.2961,
0.1472

■ 90.0985, 0.3152,
0.3824

■ 14.6098, 0.2932,
0.1404

■ 90.4553, 0.3167,
0.3822

■ 14.2690, 0.2918,
0.1381

■ 90.8172, 0.3182,
0.3820

■ 91.1843, 0.3197,
0.3817

Harmonies

Analogous

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



39.3324, 0.2650, 0.2520



39.3324, 0.3101, 0.2654



39.3324, 0.3595, 0.2928

Triad

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



39.3324, 0.3101, 0.2654



39.3324, 0.3944, 0.4007



39.3324, 0.2344, 0.3198

Complementary

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



39.3324, 0.3101, 0.2654



53.3237, 0.3139, 0.3996

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.



39.3324, 0.2647, 0.3684



39.3324, 0.3101, 0.2654



39.3324, 0.3569, 0.4170

Square

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



39.3324, 0.3101, 0.2654



39.3324, 0.4100, 0.3677



39.3324, 0.3093, 0.4062



39.3324, 0.2241, 0.2791

Rectangle

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



39.3324, 0.3101, 0.2654



39.3324, 0.3869, 0.3164



39.3324, 0.3093, 0.4062



39.3324, 0.2424, 0.3359

Sweetspot

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



39.3341, 0.3101, 0.2654



87.2241, 0.3121, 0.3092



36.0043, 0.2702, 0.2660



18.1877, 0.3119, 0.3055



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.



39.3341, 0.3101, 0.2654



58.8839, 0.3093, 0.2525



39.2692, 0.3340, 0.2893



11.3355, 0.3120, 0.3060



8.9121, 0.2922, 0.1383



0.4789, 0.2982, 0.1416

Inverse Universe

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



38.2676, 0.3598, 0.3215



56.9021, 0.3726, 0.3199



53.4395, 0.2961, 0.3724



11.2344, 0.3272, 0.3264



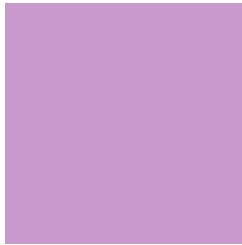
8.1275, 0.6247, 0.3215



0.4265, 0.5846, 0.2994

Previews

White Background



This preview shows how the Yxy color 39.3324, 0.3101, 0.2654 looks on a white background.

Color Contrast Check

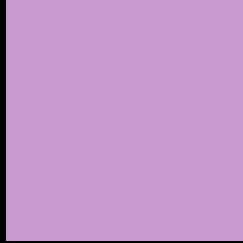
Large Text (above 18pt) WCAG AA × Fail

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 39.3324, 0.3101, 0.2654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

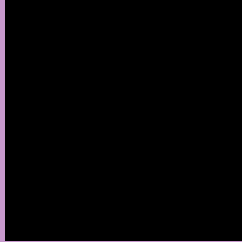
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3324, 0.3101, 0.2654

Background



This preview shows how black text looks on a background with the Yxy color 39.3324, 0.3101, 0.2654.



This preview shows how white text looks on a background with the Yxy color 39.3324, 0.3101, 0.2654.

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

39.3324, 0.3101, 0.2654

Protanopia

39.7118, 0.2674, 0.2655

Deuteranopia

39.5469, 0.2845, 0.2786



Tritanopia

39.2442, 0.3348, 0.3121

Trichromacy



Original Color

39.3324, 0.3101, 0.2654

Protanomaly

39.3145, 0.2817, 0.2656

Deuteranomaly

39.4331, 0.2929, 0.2735

Tritanomaly

39.3104, 0.3258, 0.2946

Monochromacy



Original Color

39.3324, 0.3101, 0.2654

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.7203, 0.3112, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3324, 0.3101, 0.2654 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(199, 153, 205)` looks like.

```
.text, #text, p{  
    color:rgb(199, 153, 205)  
}
```

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(199, 153, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 153, 205) }
```

Border

The CSS property to change the border of an element to Yxy 39.3324, 0.3101, 0.2654 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(199, 153, 205) }
```

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

```
.border{ border-color:rgb(199, 153, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 153, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 153, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 153, 205);  
box-shadow:4px 4px 4px 4px rgb(199, 153,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3324, 0.3101, 0.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 153, 205) }
```

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

```
.background{ background-color: rgb(199,  
153, 205) }
```

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