

Converting Colors

$Yxy(39.0295, 0.3094, 0.2703)$

Have a look what the booklet for
Yxy(39.0295, 0.3094, 0.2703)
contains.

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Color

Yxy(38.9304, 0.3098, 0.2704)

Conversions

Conversions Part 1

Format	Color
Hex	C39AC9
RGB	195, 154, 201
RGB Percent	76%, 60%, 79%
CMY	0.2354, 0.3960, 0.2116
CMYK	0.03, 0.23, 0.00, 0.21
HSL	292°, 30%, 70%
HSV	292°, 23%, 79%
XYZ	44.6030, 38.9304, 60.4400
YIQ	171.6170, 9.3490, 23.3090

Conversions

Conversions Part 2

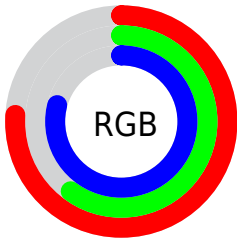
Format	Color
RYB	195, 154, 201
Decimal	12819145
CIELab	68.70, 23.46, -18.33
CIELCh	69, 29.772, 321.993
Yxy	38.9304, 0.3098, 0.2704
Android (android.graphics.Color)	4291009225 (0xFFC39AC9)
YUV	171.6170, 14.4858, 20.5069
Hunter-Lab	62.3942, 18.4121, -13.7571

Details

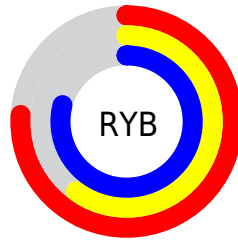
The Yxy color $38.9304, 0.3098, 0.2704$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $51.6003, 0.3143, 0.3933$, and the grayscale version is $40.9742, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.5164, 0.3127, 0.2838$, and $17.4698, 0.3083, 0.2553$ is the 20% darker color. If you saturate the color by 10%, you get $32.5007, 0.3080, 0.2447$, and if you desaturate by 10%, it is $46.4807, 0.3113, 0.2960$.

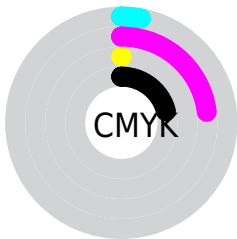
Distribution



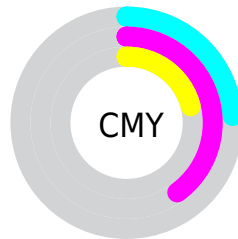
- Red (76%)
- Green (60%)
- Blue (79%)



- Red (76%)
- Yellow (60%)
- Blue (79%)



- Cyan (3%)
- Magenta (23%)
- Yellow (0%)
- Black (21%)





- Cyan (24%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9304, 0.3098, 0.2704 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 38.9304, 0.3098, 0.2704 by changing the saturation by 10% instead.


 38.9304, 0.3098,
0.2704


 38.9304, 0.3098,
0.2704


341.5945, 0.3118,
0.2992

 26.7056, 0.3091,
0.2634


 73.5320, 0.3107,
0.2807

 17.3522, 0.3082,
0.2545


 96.6775, 0.3109,
0.2847

 10.4859, 0.3067,
0.2428


124.2321, 0.3112,
0.2880

 5.7223, 0.3044,
0.2269

156.5802, 0.3113,
0.2909

 2.6770, 0.3004,
0.2041

194.1060, 0.3115,
0.2934

 0.9655, 0.2921,
0.1691

237.1941, 0.3116,

 0.0000, 0.2777,

0.2956

0.0000

286.2288, 0.3117,
0.2975

0.0000, 0.0000,
0.0000

38.9304, 0.3098,
0.2704

38.9304, 0.3098,
0.2704

32.5007, 0.3080,
0.2447

46.4807, 0.3113,
0.2960

27.1312, 0.3058,
0.2199

55.1980, 0.3124,
0.3208

22.7636, 0.3032,
0.1968

65.1324, 0.3132,
0.3445

19.3316, 0.3004,
0.1766

76.3292, 0.3138,
0.3665

16.7613, 0.2973,
0.1600

88.8318, 0.3142,
0.3869

■ 14.9674, 0.2940,
0.1477

■ 89.5132, 0.3158,
0.3871

■ 13.8468, 0.2907,
0.1398

■ 89.8970, 0.3174,
0.3868

■ 13.3523, 0.2885,
0.1363

■ 90.2870, 0.3191,
0.3865

■ 90.6832, 0.3207,
0.3862

Harmonies

Analogous

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



38.9304, 0.2688, 0.2584



38.9304, 0.3098, 0.2704



38.9304, 0.3546, 0.2955

Triad

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



38.9304, 0.3098, 0.2704



38.9304, 0.3876, 0.3942



38.9304, 0.2415, 0.3217

Complementary

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



38.9304, 0.3098, 0.2704



51.6003, 0.3143, 0.3933

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.



38.9304, 0.2698, 0.3654



38.9304, 0.3098, 0.2704



38.9304, 0.3539, 0.4087

Square

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



38.9304, 0.3098, 0.2704



38.9304, 0.4011, 0.3643



38.9304, 0.3107, 0.3989



38.9304, 0.2316, 0.2844

Rectangle

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



38.9304, 0.3098, 0.2704



38.9304, 0.3795, 0.3172



38.9304, 0.3107, 0.3989



38.9304, 0.2491, 0.3363

Sweetspot

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



38.9321, 0.3098, 0.2704



88.7024, 0.3120, 0.3118



36.3274, 0.2740, 0.2728



18.7879, 0.3119, 0.3102



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.



38.9321, 0.3098, 0.2704



60.8946, 0.3089, 0.2575



38.9875, 0.3312, 0.2916



10.7448, 0.3118, 0.3061



8.4207, 0.2889, 0.1365



0.4185, 0.2960, 0.1404

Inverse Universe

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



38.0757, 0.3545, 0.3213



59.2157, 0.3664, 0.3196



51.6081, 0.2979, 0.3696



10.6588, 0.3270, 0.3261



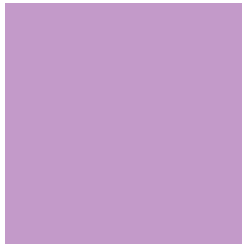
7.8618, 0.6221, 0.3201



0.3798, 0.5763, 0.2948

Previews

White Background



This preview shows how the Yxy color 38.9304, 0.3098, 0.2704 looks on a white background.

Color Contrast Check

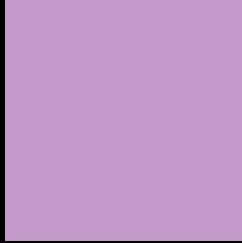
Large Text (above 18pt) WCAG AA × Fail

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 38.9304, 0.3098, 0.2704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

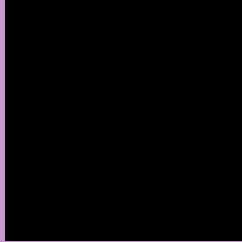
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9304, 0.3098, 0.2704

Background



This preview shows how black text looks on a background with the Yxy color 38.9304, 0.3098, 0.2704.



This preview shows how white text looks on a background with the Yxy color 38.9304, 0.3098, 0.2704.

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

38.9304, 0.3098, 0.2704

Protanopia

39.0440, 0.2714, 0.2713

Deuteranopia

39.1095, 0.2884, 0.2823



Tritanopia

38.8512, 0.3319, 0.3120

Trichromacy



Original Color

38.9304, 0.3098, 0.2704

Protanomaly

38.9548, 0.2846, 0.2713

Deuteranomaly

38.7767, 0.2952, 0.2768

Tritanomaly

38.7393, 0.3229, 0.2954

Monochromacy



Original Color

38.9304, 0.3098, 0.2704

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0325, 0.3111, 0.3051

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9304, 0.3098, 0.2704 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(195, 154, 201)` looks like.

```
.text, #text, p{  
    color:rgb(195, 154, 201)  
}
```

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(195, 154, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 154, 201) }
```

Border

The CSS property to change the border of an element to Yxy 38.9304, 0.3098, 0.2704 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(195, 154, 201) }
```

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

```
.border{ border-color:rgb(195, 154, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 154, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 154, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 154, 201);  
box-shadow:4px 4px 4px 4px rgb(195, 154,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9304, 0.3098, 0.2704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 154, 201) }
```

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

```
.background{ background-color: rgb(195,  
154, 201) }
```

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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