

# Converting Colors

$Yxy(39.1805, 0.3269, 0.2682)$

Have a look what the booklet for  
Yxy(39.1805, 0.3269, 0.2682)  
contains.

<b>Yxy(39.1522, 0.3272, 0.2682)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(39.1522, 0.3272, 0.2682)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D394C7
RGB	211, 148, 199
RGB Percent	83%, 58%, 78%
CMY	0.1725, 0.4196, 0.2197
CMYK	0.00, 0.30, 0.06, 0.17
HSL	311°, 42%, 70%
HSV	311°, 30%, 83%
XYZ	47.7651, 39.1522, 59.0641
YIQ	172.6510, 21.1770, 29.2170

# Conversions

## Conversions Part 2

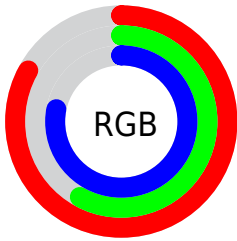
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 148, 199
Decimal	13866183
CIE Lab	68.86, 31.74, -16.80
CIE LCh	69, 35.911, 332.109
Yxy	39.1522, 0.3272, 0.2682
Android (android.graphics.Color)	4292056263 (0xFFD394C7)
YUV	172.6510, 12.9901, 33.6321
Hunter-Lab	62.5717, 26.7603, -12.1661

# Details

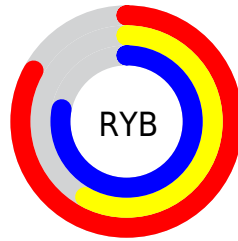
The Yxy color **39.1522, 0.3272, 0.2682** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.4327, 0.3010, 0.3986**, and the grayscale version is **41.5280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1919, 0.3151, 0.2782**, and **17.4780, 0.3313, 0.2517** is the 20% darker color. If you saturate the color by 10%, you get **32.9420, 0.3334, 0.2479**, and if you desaturate by 10%, it is **46.5775, 0.3217, 0.2889**.

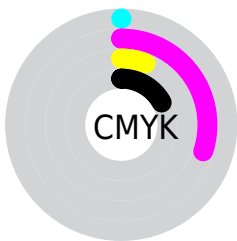
# Distribution



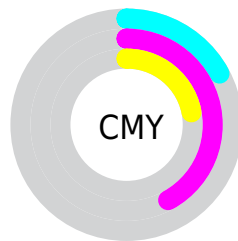
- Red (83%)
- Green (58%)
- Blue (78%)



- Red (83%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (17%)




- Cyan (17%)
- Magenta (42%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.1522, 0.3272, 0.2682 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 39.1522, 0.3272, 0.2682 by changing the saturation by 10% instead.





 39.1522, 0.3272,  
0.2682


 39.1522, 0.3272,  
0.2682


342.5371, 0.3204,  
0.2979

 26.8781, 0.3287,  
0.2610


 73.8708, 0.3249,  
0.2788

 17.4817, 0.3306,  
0.2519


 97.0841, 0.3239,  
0.2829

 10.5785, 0.3330,  
0.2401


124.7126, 0.3232,  
0.2863

 5.7842, 0.3360,  
0.2241

157.1407, 0.3225,  
0.2893

 2.7143, 0.3399,  
0.2012

194.7528, 0.3219,  
0.2918

 0.9845, 0.3446,  
0.1665


237.9334, 0.3213,


 0.0000, 0.3867,


0.2941


0.0000


287.0667, 0.3209,  
0.2961


 0.0000, 0.0000,  
0.0000


 39.1522, 0.3272,  
0.2682

 39.1522, 0.3272,  
0.2682


 32.9420, 0.3334,  
0.2479


 46.5775, 0.3217,  
0.2889


 27.8760, 0.3401,  
0.2290


 55.2735, 0.3169,  
0.3095

 23.8840, 0.3473,  
0.2124

 65.2983, 0.3127,  
0.3293

 20.8861, 0.3548,  
0.1991

 76.7053, 0.3091,  
0.3480

 18.7908, 0.3622,  
0.1899

 89.5447, 0.3060,  
0.3656

■ 17.4902, 0.3695,  
0.1854

■ 90.7079, 0.3038,  
0.3627

■ 16.7900, 0.3765,  
0.1848

■ 90.9281, 0.3015,  
0.3583

■ 16.7817, 0.3766,  
0.1848

■ 91.1534, 0.2993,  
0.3540

■ 91.3840, 0.2971,  
0.3496

# Harmonies

## Analogous

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



39.1522, 0.2750, 0.2484



39.1522, 0.3272, 0.2682



39.1522, 0.3793, 0.3014

# Triad

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



39.1522, 0.3272, 0.2682



39.1522, 0.3904, 0.4152



39.1522, 0.2216, 0.3025

# Complementary

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



39.1522, 0.3272, 0.2682



55.4327, 0.3010, 0.3986

# 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.



39.1522, 0.2476, 0.3551



39.1522, 0.3272, 0.2682



39.1522, 0.3443, 0.4255

# Square

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



39.1522, 0.3272, 0.2682



39.1522, 0.4166, 0.3831



39.1522, 0.2920, 0.4034



39.1522, 0.2179, 0.2640



# Rectangle

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



39.1522, 0.3272, 0.2682



39.1522, 0.4049, 0.3281



39.1522, 0.2920, 0.4034



39.1522, 0.2279, 0.3192

# Sweetspot

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



39.1539, 0.3272, 0.2682



85.9424, 0.3165, 0.3110



33.3110, 0.2699, 0.2446



17.9432, 0.3172, 0.3080



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.



39.1539, 0.3272, 0.2682



53.6676, 0.3311, 0.2549



37.8565, 0.3580, 0.3044



11.9687, 0.3166, 0.3104



10.1402, 0.3756, 0.1843



0.5772, 0.3638, 0.1778



# Inverse Universe

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



39.1539, 0.3272, 0.2682



53.6676, 0.3311, 0.2549



56.6579, 0.2817, 0.3553



11.9687, 0.3166, 0.3104



10.1402, 0.3756, 0.1843



0.5772, 0.3638, 0.1778



# Previews

## White Background



This preview shows how the Yxy color 39.1522, 0.3272, 0.2682 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

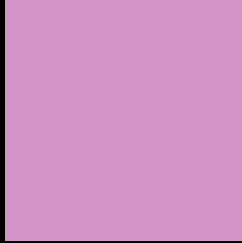
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 39.1522, 0.3272, 0.2682 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

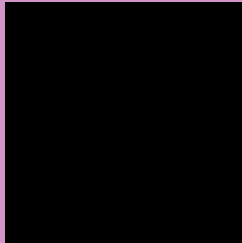
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 39.1522, 0.3272, 0.2682**

## **Background**



This preview shows how black text looks on a background with the Yxy color 39.1522, 0.3272, 0.2682.



This preview shows how white text looks on a background with the Yxy color 39.1522, 0.3272, 0.2682.

# 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

39.1522, 0.3272, 0.2682

### Protanopia

39.5590, 0.2694, 0.2691

### Deuteranopia

39.1944, 0.2924, 0.2863



## Tritanopia

39.1298, 0.3545, 0.3140

# Trichromacy



## Original Color

39.1522, 0.3272, 0.2682



## Protanomaly

38.9937, 0.2888, 0.2684



## Deuteranomaly

38.9240, 0.3049, 0.2789



## Tritanomaly

39.0807, 0.3440, 0.2969

# Monochromacy



## Original Color

39.1522, 0.3272, 0.2682



## Achromatopsia

41.7885, 0.3127, 0.3290



## Achromatomaly

40.4931, 0.3185, 0.3055

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.1522, 0.3272, 0.2682 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(211, 148, 199)` looks like.

```
.text, #text, p{  
    color:rgb(211, 148, 199)  
}
```

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(211, 148, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 148, 199) }
```

## Border

The CSS property to change the border of an element to Yxy 39.1522, 0.3272, 0.2682 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(211, 148, 199) }
```

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

```
.border{ border-color:rgb(211, 148, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 148, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 148, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 148, 199);  
box-shadow:4px 4px 4px 4px rgb(211, 148,  
199) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.1522, 0.3272, 0.2682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 148, 199) }
```

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

```
.background{ background-color: rgb(211,  
148, 199) }
```

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