

# Converting Colors

$Yxy(39.2059, 0.3835, 0.3133)$

Have a look what the booklet for  
Yxy(39.2059, 0.3835, 0.3133)  
contains.

<b>Yxy(39.2297, 0.3833, 0.3139)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(39.2297, 0.3833, 0.3139)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2929F
RGB	226, 146, 159
RGB Percent	89%, 57%, 62%
CMY	0.1137, 0.4274, 0.3765
CMYK	0.00, 0.35, 0.30, 0.11
HSL	350°, 58%, 73%
HSV	350°, 35%, 89%
XYZ	47.9030, 39.2297, 37.8425
YIQ	171.4020, 43.5070, 21.0030

# Conversions

## Conversions Part 2

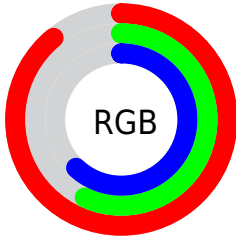
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 146, 159
Decimal	14848671
CIE Lab	68.92, 31.88, 5.79
CIE LCh	69, 32.403, 10.298
Yxy	39.2297, 0.3833, 0.3139
Android (android.graphics.Color)	4293038751 (0xFFE2929F)
YUV	171.4020, -6.1142, 47.8824
Hunter-Lab	62.6336, 26.9102, 8.0212

# Details

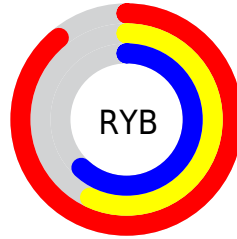
The Yxy color **39.2297, 0.3833, 0.3139** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.3161, 0.2698, 0.3451**, and the grayscale version is **40.9531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8883, 0.3455, 0.3158**, and **17.5231, 0.4051, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **32.3311, 0.4143, 0.3098**, and if you desaturate by 10%, it is **47.6100, 0.3578, 0.3183**.

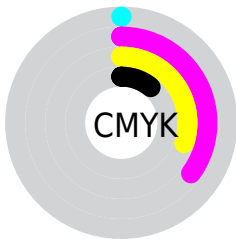
# Distribution



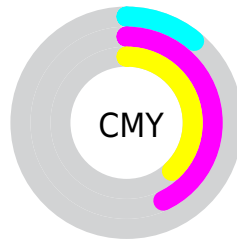
- Red (89%)
- Green (57%)
- Blue (62%)



- Red (89%)
- Yellow (57%)
- Blue (62%)



- Cyan (0%)
- Magenta (35%)
- Yellow (30%)
- Black (11%)




- Cyan (11%)
- Magenta (43%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2297, 0.3833, 0.3139 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 39.2297, 0.3833, 0.3139 by changing the saturation by 10% instead.





 39.2297, 0.3833,  
0.3139


 39.2297, 0.3833,  
0.3139


342.8661, 0.3468,  
0.3222

 26.9385, 0.3928,  
0.3116


 73.9891, 0.3697,  
0.3171

 17.5270, 0.4052,  
0.3084


 97.2260, 0.3647,  
0.3183

 10.6109, 0.4221,  
0.3040


124.8803, 0.3605,  
0.3192

 5.8059, 0.4464,  
0.2973

157.3364, 0.3570,  
0.3200

 2.7274, 0.4839,  
0.2861

194.9786, 0.3539,  
0.3207

 0.9911, 0.5530,  
0.2667

238.1914, 0.3512,

 0.0000, 1.0000,

0.3213


0.0000


287.3591, 0.3489,  
0.3218


 0.0000, 0.0000,  
0.0000

 39.2297, 0.3833,  
0.3139


 39.2297, 0.3833,  
0.3139


 32.3311, 0.4143,  
0.3098

 47.6100, 0.3578,  
0.3183


 26.8225, 0.4509,  
0.3065


 57.5456, 0.3371,  
0.3227

 22.6107, 0.4922,  
0.3048

 69.1119, 0.3203,  
0.3269

 19.5886, 0.5354,  
0.3055

 82.3776, 0.3069,  
0.3307

 17.6321, 0.5757,  
0.3091

 94.8243, 0.2959,  
0.3303

■ 16.5890, 0.6077,  
0.3154

■ 94.9108, 0.2952,  
0.3289

■ 16.3024, 0.6191,  
0.3184

# Harmonies

## Analogous

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



39.2297, 0.3395, 0.2809



39.2297, 0.3833, 0.3139



39.2297, 0.4070, 0.3520

# Triad

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



39.2297, 0.3833, 0.3139



39.2297, 0.3289, 0.4129



39.2297, 0.2291, 0.2639

# Complementary

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



39.2297, 0.3833, 0.3139



65.3161, 0.2698, 0.3451

# 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.



39.2297, 0.2269, 0.2944



39.2297, 0.3833, 0.3139



39.2297, 0.2821, 0.3854

# Square

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



39.2297, 0.3833, 0.3139



39.2297, 0.3733, 0.4120



39.2297, 0.2454, 0.3394



39.2297, 0.2514, 0.2524



# Rectangle

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



39.2297, 0.3833, 0.3139



39.2297, 0.4072, 0.3767



39.2297, 0.2454, 0.3394



39.2297, 0.2260, 0.2720

# Sweetspot

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



39.2316, 0.3833, 0.3139



81.9688, 0.3294, 0.3245



40.1476, 0.3048, 0.2383



17.1092, 0.3317, 0.3240



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.



39.2316, 0.3833, 0.3139



45.1354, 0.4040, 0.3110



48.0074, 0.3862, 0.3604



13.7366, 0.3267, 0.3252



9.3108, 0.6160, 0.3167



0.6566, 0.5768, 0.2951



# Inverse Universe

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



39.2316, 0.3833, 0.3139



45.1354, 0.4040, 0.3110



52.6072, 0.2584, 0.2949



13.7366, 0.3267, 0.3252



9.3108, 0.6160, 0.3167

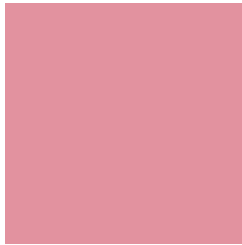


0.6566, 0.5768, 0.2951



# Previews

## White Background



This preview shows how the Yxy color 39.2297, 0.3833, 0.3139 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

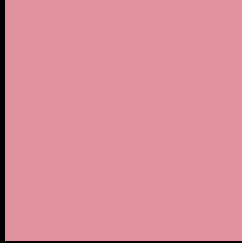
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 39.2297, 0.3833, 0.3139 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

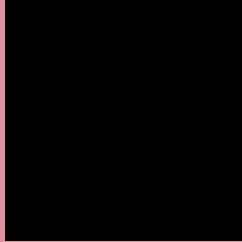
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 39.2297, 0.3833, 0.3139**

## Background



This preview shows how black text looks on a background with the Yxy color 39.2297, 0.3833, 0.3139.



This preview shows how white text looks on a background with the Yxy color 39.2297, 0.3833, 0.3139.

# 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

39.2297, 0.3833, 0.3139

### Protanopia

39.6035, 0.3129, 0.3249

### Deuteranopia

39.5418, 0.3452, 0.3384



## Tritanopia

39.1608, 0.3854, 0.3162

# Trichromacy



## Original Color

39.2297, 0.3833, 0.3139

## Protanomaly

39.0080, 0.3364, 0.3198

## Deuteranomaly

39.2448, 0.3587, 0.3291

## Tritanomaly

39.1951, 0.3844, 0.3151

# Monochromacy



## Original Color

39.2297, 0.3833, 0.3139

## Achromatopsia

40.7240, 0.3127, 0.3290

## Achromatomaly

39.7070, 0.3361, 0.3225

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.2297, 0.3833, 0.3139 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(226, 146, 159)` looks like.

```
.text, #text, p{  
    color:rgb(226, 146, 159)  
}
```

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(226, 146, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 146, 159) }
```

## Border

The CSS property to change the border of an element to Yxy 39.2297, 0.3833, 0.3139 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(226, 146, 159) }
```

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

```
.border{ border-color:rgb(226, 146, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 146, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 146, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 146, 159);  
box-shadow:4px 4px 4px 4px rgb(226, 146,  
159) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.2297, 0.3833, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 146, 159) }
```

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

```
.background{ background-color: rgb(226,  
146, 159) }
```

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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