

# Converting Colors

$Yxy(39.4022, 0.3966, 0.3189)$

Have a look what the booklet for  
Yxy(39.4022, 0.3966, 0.3189)  
contains.

<b>Yxy(39.4022, 0.3966, 0.3189)</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(39.4022, 0.3966, 0.3189)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E89099
RGB	232, 144, 153
RGB Percent	91%, 56%, 60%
CMY	0.0902, 0.4353, 0.4001
CMYK	0.00, 0.38, 0.34, 0.09
HSL	354°, 66%, 74%
HSV	354°, 38%, 91%
XYZ	49.0025, 39.4022, 35.1519
YIQ	171.3380, 49.5590, 21.4550

# Conversions

## Conversions Part 2

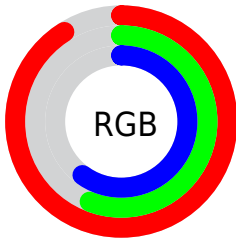
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 144, 153
Decimal	15241369
CIE Lab	69.04, 34.37, 9.42
CIE LCh	69, 35.635, 15.331
Yxy	39.4022, 0.3966, 0.3189
Android (android.graphics.Color)	4293431449 (0xFFE89099)
YUV	171.3380, -9.0406, 53.2006
Hunter-Lab	62.7712, 29.4971, 10.7374

# Details

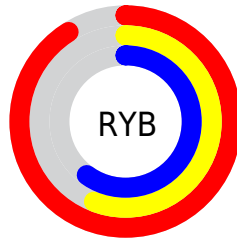
The Yxy color **39.4022, 0.3966, 0.3189** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.9769, 0.2645, 0.3398**, and the grayscale version is **40.9318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6118, 0.3513, 0.3209**, and **17.6123, 0.4228, 0.3144** is the 20% darker color. If you saturate the color by 10%, you get **32.4541, 0.4317, 0.3165**, and if you desaturate by 10%, it is **47.9184, 0.3675, 0.3216**.

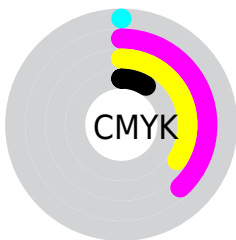
# Distribution



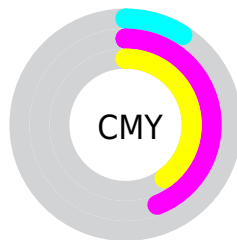
- Red (91%)
- Green (56%)
- Blue (60%)



- Red (91%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (38%)
- Yellow (34%)
- Black (9%)




- Cyan (9%)
- Magenta (44%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4022, 0.3966, 0.3189 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 39.4022, 0.3966, 0.3189 by changing the saturation by 10% instead.





 39.4022, 0.3966,  
0.3189


 39.4022, 0.3966,  
0.3189


343.5975, 0.3531,  
0.3251

 27.0728, 0.4079,  
0.3170


 74.2523, 0.3805,  
0.3214

 17.6279, 0.4226,  
0.3143

 97.5418, 0.3745,  
0.3223

 10.6832, 0.4427,  
0.3104


125.2535, 0.3695,  
0.3230

 5.8542, 0.4713,  
0.3041

157.7716, 0.3653,  
0.3235

 2.7566, 0.5151,  
0.2930

195.4807, 0.3616,  
0.3240

 1.0060, 0.6039,  
0.2773

238.7651, 0.3584,

 0.0000, 1.0000,


0.3244


0.0000


288.0092, 0.3556,  
0.3248


 0.0000, 0.0000,  
0.0000


 39.4022, 0.3966,  
0.3189


 39.4022, 0.3966,  
0.3189

 32.4541, 0.4317,  
0.3165


 47.9184, 0.3675,  
0.3216


 26.9729, 0.4727,  
0.3148

 58.0842, 0.3440,  
0.3244

 22.8549, 0.5176,  
0.3144

 69.9823, 0.3250,  
0.3270

 19.9802, 0.5622,  
0.3158

 83.6884, 0.3098,  
0.3295

 18.2079, 0.6003,  
0.3192

 95.8972, 0.2988,  
0.3290

■ 17.3451, 0.6262,  
0.3238

■ 17.2218, 0.6301,  
0.3245

# Harmonies

## Analogous

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



39.4022, 0.3509, 0.2819



39.4022, 0.3966, 0.3189



39.4022, 0.4176, 0.3603

# Triad

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



39.4022, 0.3966, 0.3189



39.4022, 0.3211, 0.4189



39.4022, 0.2242, 0.2542

# Complementary

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



39.4022, 0.3966, 0.3189



68.9769, 0.2645, 0.3398

# 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.



39.4022, 0.2180, 0.2837



39.4022, 0.3966, 0.3189



39.4022, 0.2711, 0.3836

# Square

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



39.4022, 0.3966, 0.3189



39.4022, 0.3713, 0.4224



39.4022, 0.2343, 0.3311



39.4022, 0.2518, 0.2455



# Rectangle

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



39.4022, 0.3966, 0.3189



39.4022, 0.4141, 0.3867



39.4022, 0.2343, 0.3311



39.4022, 0.2197, 0.2617

# Sweetspot

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



39.4041, 0.3966, 0.3189



81.8734, 0.3305, 0.3262



41.2630, 0.3079, 0.2327



17.0867, 0.3330, 0.3259



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.



39.4041, 0.3966, 0.3189



41.5423, 0.4254, 0.3169



50.9078, 0.3914, 0.3677



14.3918, 0.3276, 0.3266



9.5686, 0.6278, 0.3232



0.7152, 0.6000, 0.3079



# Inverse Universe

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



39.4041, 0.3966, 0.3189



41.5423, 0.4254, 0.3169



52.2695, 0.2537, 0.2863



14.3918, 0.3276, 0.3266



9.5686, 0.6278, 0.3232



0.7152, 0.6000, 0.3079



# Previews

## White Background



This preview shows how the Yxy color 39.4022, 0.3966, 0.3189 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

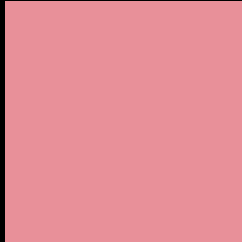
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 39.4022, 0.3966, 0.3189 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

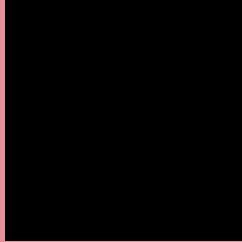
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 39.4022, 0.3966, 0.3189**

## Background



This preview shows how black text looks on a background with the Yxy color 39.4022, 0.3966, 0.3189.



This preview shows how white text looks on a background with the Yxy color 39.4022, 0.3966, 0.3189.

# 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

39.4022, 0.3966, 0.3189

### Protanopia

39.6427, 0.3190, 0.3318

### Deuteranopia

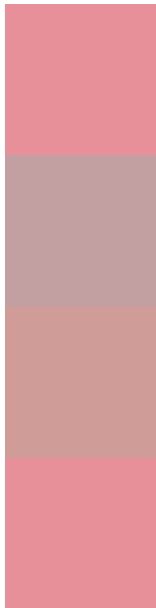
39.6029, 0.3529, 0.3464



## Tritanopia

39.4689, 0.3944, 0.3166

# Trichromacy



**Original Color**

39.4022, 0.3966, 0.3189

**Protanomaly**

38.8388, 0.3453, 0.3265

**Deuteranomaly**

39.2767, 0.3691, 0.3355

**Tritanomaly**

39.4354, 0.3955, 0.3177

# Monochromacy



**Original Color**

39.4022, 0.3966, 0.3189

**Achromatopsia**

40.7240, 0.3127, 0.3290

**Achromatomaly**

39.5075, 0.3410, 0.3251

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.4022, 0.3966, 0.3189 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(232, 144, 153)` looks like.

```
.text, #text, p{  
    color:rgb(232, 144, 153)  
}
```

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(232, 144, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 144, 153) }
```

## Border

The CSS property to change the border of an element to Yxy 39.4022, 0.3966, 0.3189 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(232, 144, 153) }
```

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

```
.border{ border-color:rgb(232, 144, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 144, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 144, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 144, 153);  
box-shadow:4px 4px 4px 4px rgb(232, 144,  
153) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.4022, 0.3966, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 144, 153) }
```

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

```
.background{ background-color: rgb(232,  
144, 153) }
```

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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