

# Converting Colors

Yxy(39.2384, 0.4043, 0.3287)

Have a look what the booklet for  
Yxy(39.2384, 0.4043, 0.3287)  
contains.

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# Color

**Yxy(39.2841, 0.4039, 0.3293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E79191
RGB	231, 145, 145
RGB Percent	91%, 57%, 57%
CMY	0.0942, 0.4313, 0.4314
CMYK	0.00, 0.37, 0.37, 0.09
HSL	0°, 64%, 74%
HSV	0°, 37%, 91%
XYZ	48.1836, 39.2841, 31.8281
YIQ	170.7140, 51.2560, 18.2320

# Conversions

## Conversions Part 2

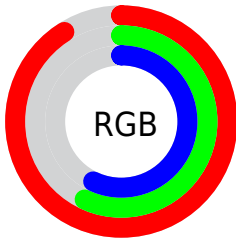
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">231, 145, 145</a>
Decimal	<a href="#">15176081</a>
CIELab	<a href="#">68.96, 32.49, 13.74</a>
CIELCh	<a href="#">69, 35.275, 22.930</a>
Yxy	<a href="#">39.2841, 0.4039, 0.3293</a>
Android (android.graphics.Color)	<a href="#">4293366161 (0xFFE79191)</a>
YUV	<a href="#">170.7140, -12.6770, 52.8708</a>
Hunter-Lab	<a href="#">62.6770, 27.5388, 13.7658</a>

# Details

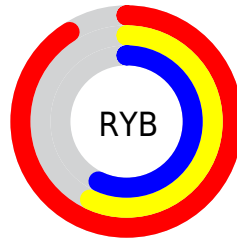
The Yxy color **39.2841, 0.4039, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.9052, 0.2608, 0.3288**, and the grayscale version is **40.6206, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6921, 0.3574, 0.3302**, and **17.5392, 0.4320, 0.3264** is the 20% darker color. If you saturate the color by 10%, you get **32.2895, 0.4428, 0.3294**, and if you desaturate by 10%, it is **47.8613, 0.3717, 0.3292**.

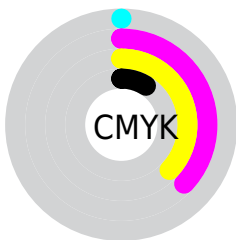
# Distribution



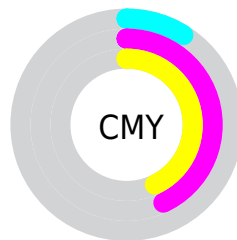
- Red (91%)
- Green (57%)
- Blue (57%)



- Red (91%)
- Yellow (57%)
- Blue (57%)



- Cyan (0%)
- Magenta (37%)
- Yellow (37%)
- Black (9%)




- Cyan (9%)
- Magenta (43%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2841, 0.4039, 0.3293 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 39.2841, 0.4039, 0.3293 by changing the saturation by 10% instead.





 39.2841, 0.4039,  
0.3293


 39.2841, 0.4039,  
0.3293


343.0969, 0.3565,  
0.3305

 26.9808, 0.4162,  
0.3285


 74.0721, 0.3863,  
0.3301

 17.5588, 0.4323,  
0.3272


 97.3257, 0.3798,  
0.3303

 10.6337, 0.4541,  
0.3249


124.9980, 0.3744,  
0.3304

 5.8211, 0.4851,  
0.3206

157.4737, 0.3697,  
0.3305

 2.7366, 0.5322,  
0.3117

195.1370, 0.3658,  
0.3305

 0.9958, 0.6521,  
0.3108

238.3724, 0.3623,

 0.0000, 1.0000,

0.3305

0.0000

287.5642, 0.3592,  
0.3305

0.0000, 0.0000,  
0.0000

39.2841, 0.4039,  
0.3293

39.2841, 0.4039,  
0.3293

32.2895, 0.4428,  
0.3294

47.8613, 0.3717,  
0.3292

26.7754, 0.4879,  
0.3296

58.1033, 0.3458,  
0.3291

22.6370, 0.5361,  
0.3297

70.0938, 0.3250,  
0.3290

19.7533, 0.5817,  
0.3298

83.9090, 0.3085,  
0.3290

17.9825, 0.6170,  
0.3299

95.7239, 0.2981,  
0.3290

■ 17.1388, 0.6363,  
0.3300

■ 16.9856, 0.6401,  
0.3300

# Harmonies

## Analogous

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



39.2841, 0.3635, 0.2908



39.2841, 0.4039, 0.3293



39.2841, 0.4170, 0.3704

# Triad

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



39.2841, 0.4039, 0.3293



39.2841, 0.3080, 0.4119



39.2841, 0.2300, 0.2508

# Complementary

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



39.2841, 0.4039, 0.3293



68.9052, 0.2608, 0.3288

# 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.



39.2841, 0.2183, 0.2748



39.2841, 0.4039, 0.3293



39.2841, 0.2606, 0.3706

# Square

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



39.2841, 0.4039, 0.3293



39.2841, 0.3590, 0.4236



39.2841, 0.2288, 0.3180



39.2841, 0.2623, 0.2471



# Rectangle

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



39.2841, 0.4039, 0.3293



39.2841, 0.4084, 0.3952



39.2841, 0.2288, 0.3180



39.2841, 0.2237, 0.2565

# Sweetspot

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



39.2860, 0.4039, 0.3293



81.7194, 0.3324, 0.3291



43.0006, 0.3170, 0.2371



17.0503, 0.3352, 0.3291



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.



39.2860, 0.4039, 0.3293



42.0018, 0.4346, 0.3294



54.9867, 0.3852, 0.3780



14.3688, 0.3293, 0.3291



9.5256, 0.6400, 0.3300



0.7042, 0.6400, 0.3301

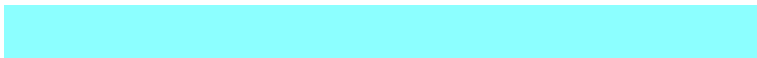


# Inverse Universe

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



68.9052, 0.2608, 0.3288



84.3118, 0.2521, 0.3288



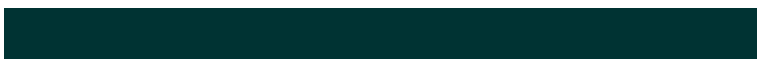
47.7456, 0.2529, 0.2739



16.3355, 0.2982, 0.3290



35.2499, 0.2246, 0.3286



2.6051, 0.2246, 0.3287



# Previews

## White Background



This preview shows how the Yxy color 39.2841, 0.4039, 0.3293 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

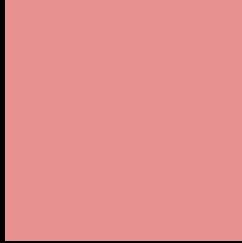
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 39.2841, 0.4039, 0.3293 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 39.2841, 0.4039, 0.3293**

## Background



This preview shows how black text looks on a background with the Yxy color 39.2841, 0.4039, 0.3293.



This preview shows how white text looks on a background with the Yxy color 39.2841, 0.4039, 0.3293.

# 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

39.2841, 0.4039, 0.3293

### Protanopia

39.4383, 0.3279, 0.3444

### Deuteranopia

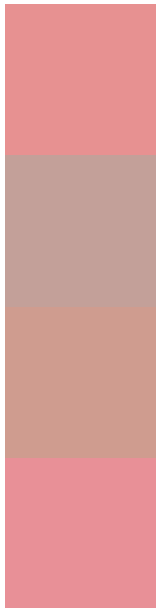
39.2630, 0.3629, 0.3557



## Tritanopia

39.4354, 0.3955, 0.3177

# Trichromacy



## Original Color

39.2841, 0.4039, 0.3293

## Protanomaly

39.0436, 0.3538, 0.3384

## Deuteranomaly

39.0255, 0.3772, 0.3457

## Tritanomaly

39.3367, 0.3988, 0.3212

# Monochromacy



## Original Color

39.2841, 0.4039, 0.3293

## Achromatopsia

40.7240, 0.3127, 0.3290

## Achromatomaly

39.7868, 0.3427, 0.3291

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.2841, 0.4039, 0.3293 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(231, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(231, 145, 145)  
}
```

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(231, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 145, 145) }
```

## Border

The CSS property to change the border of an element to Yxy 39.2841, 0.4039, 0.3293 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(231, 145, 145) }
```

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

```
.border{ border-color:rgb(231, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(231, 145,  
145) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.2841, 0.4039, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 145, 145) }
```

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

```
.background{ background-color: rgb(231,  
145, 145) }
```

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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