

# Converting Colors

Yxy(39.4562, 0.4129, 0.3286)

Have a look what the booklet for  
Yxy(39.4562, 0.4129, 0.3286)  
contains.

<b>Yxy(39.6326, 0.4130, 0.3293)</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(39.6326, 0.4130, 0.3293)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED8F8F
RGB	237, 143, 143
RGB Percent	93%, 56%, 56%
CMY	0.0706, 0.4392, 0.4392
CMYK	0.00, 0.40, 0.40, 0.07
HSL	0°, 72%, 75%
HSV	0°, 40%, 93%
XYZ	49.7062, 39.6326, 31.0152
YIQ	171.1060, 56.0240, 19.9280

# Conversions

## Conversions Part 2

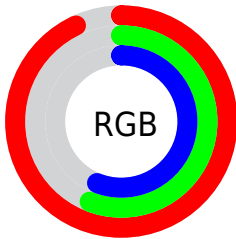
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 143, 143
Decimal	15568783
CIE Lab	69.21, 35.56, 15.32
CIE LCh	69, 38.721, 23.299
Yxy	39.6326, 0.4130, 0.3293
Android (android.graphics.Color)	4293758863 (0xFFED8F8F)
YUV	171.1060, -13.8563, 57.7890
Hunter-Lab	62.9544, 30.7660, 14.8582

# Details

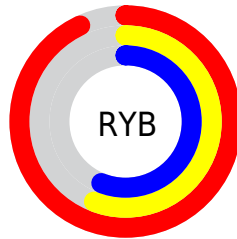
The Yxy color **39.6326, 0.4130, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.5208, 0.2580, 0.3288**, and the grayscale version is **40.8316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6794, 0.3595, 0.3302**, and **17.7375, 0.4432, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **32.6108, 0.4536, 0.3294**, and if you desaturate by 10%, it is **48.3129, 0.3791, 0.3292**.

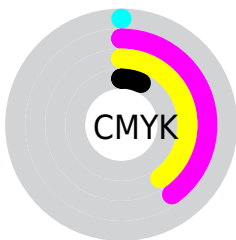
# Distribution



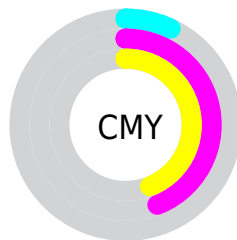
- Red (93%)
- Green (56%)
- Blue (56%)



- Red (93%)
- Yellow (56%)
- Blue (56%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (7%)



- Cyan (7%)
- Magenta (44%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6326, 0.4130, 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 39.6326, 0.4130, 0.3293 by changing the saturation by 10% instead.




 39.6326, 0.4130,  
0.3293


 39.6326, 0.4130,  
0.3293

344.5726, 0.3610,  
0.3308

 27.2522, 0.4265,  
0.3283


 74.6037, 0.3937,  
0.3303

 17.7627, 0.4440,  
0.3267


 97.9632, 0.3866,  
0.3305

 10.7798, 0.4676,  
0.3240


125.7513, 0.3806,  
0.3307

 5.9189, 0.5011,  
0.3188

158.3522, 0.3755,  
0.3308

 2.7959, 0.5513,  
0.3084

196.1504, 0.3711,  
0.3308

 1.0261, 0.6816,  
0.3067


239.5302, 0.3673,

 0.0000, 1.0000,


0.3308


0.0000


288.8762, 0.3640,  
0.3308


 0.0000, 0.0000,  
0.0000


 39.6326, 0.4130,  
0.3293


 39.6326, 0.4130,  
0.3293


 32.6108, 0.4536,  
0.3294


 48.3129, 0.3791,  
0.3292


 27.1366, 0.5000,  
0.3296

 58.7416, 0.3517,  
0.3291

 23.0946, 0.5483,  
0.3297

 71.0093, 0.3297,  
0.3291

 20.3513, 0.5920,  
0.3298

 85.1986, 0.3122,  
0.3290

 18.7478, 0.6236,  
0.3299

 96.7452, 0.3017,  
0.3290

■ 18.0246, 0.6396,  
0.3300

■ 18.0056, 0.6401,  
0.3300

# Harmonies

## Analogous

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



39.6326, 0.3689, 0.2879



39.6326, 0.4130, 0.3293



39.6326, 0.4267, 0.3737

# Triad

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



39.6326, 0.4130, 0.3293



39.6326, 0.3064, 0.4201



39.6326, 0.2232, 0.2437

# Complementary

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



39.6326, 0.4130, 0.3293



72.5208, 0.2580, 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.



39.6326, 0.2103, 0.2690



39.6326, 0.4130, 0.3293



39.6326, 0.2551, 0.3740

# Square

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



39.6326, 0.4130, 0.3293



39.6326, 0.3620, 0.4328



39.6326, 0.2212, 0.3158



39.6326, 0.2582, 0.2403



# Rectangle

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



39.6326, 0.4130, 0.3293



39.6326, 0.4167, 0.4009



39.6326, 0.2212, 0.3158



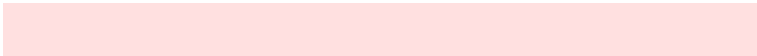
39.6326, 0.2164, 0.2496

# Sweetspot

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



39.6346, 0.4130, 0.3293



80.1913, 0.3345, 0.3291



43.7641, 0.3173, 0.2313



16.7455, 0.3372, 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.



39.6346, 0.4130, 0.3293



39.6106, 0.4472, 0.3294



56.8156, 0.3913, 0.3813



15.0542, 0.3293, 0.3291



9.8301, 0.6401, 0.3300



0.7720, 0.6401, 0.3300



# Inverse Universe

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



72.5208, 0.2580, 0.3288



83.6883, 0.2492, 0.3288



48.7813, 0.2488, 0.2695



17.1217, 0.2981, 0.3290



36.4009, 0.2247, 0.3287



2.8584, 0.2247, 0.3287



# Previews

## White Background



This preview shows how the Yxy color 39.6326, 0.4130, 0.3293 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

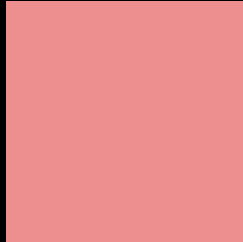
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 39.6326, 0.4130, 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 39.6326, 0.4130, 0.3293**

## Background



This preview shows how black text looks on a background with the Yxy color 39.6326, 0.4130, 0.3293.



This preview shows how white text looks on a background with the Yxy color 39.6326, 0.4130, 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

39.6326, 0.4130, 0.3293

### Protanopia

40.0063, 0.3305, 0.3471

### Deuteranopia

39.7942, 0.3674, 0.3608



## Tritanopia

39.7901, 0.4044, 0.3180

# Trichromacy



**Original Color**

39.6326, 0.4130, 0.3293

**Protanomaly**

39.3817, 0.3588, 0.3409

**Deuteranomaly**

39.5193, 0.3843, 0.3493

**Tritanomaly**

39.6931, 0.4078, 0.3214

# Monochromacy



**Original Color**

39.6326, 0.4130, 0.3293

**Achromatopsia**

40.7240, 0.3127, 0.3290

**Achromatomaly**

39.6650, 0.3458, 0.3291

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.6326, 0.4130, 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(237, 143, 143)` looks like.

```
.text, #text, p{  
    color:rgb(237, 143, 143)  
}
```

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(237, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 143, 143) }
```

## Border

The CSS property to change the border of an element to Yxy 39.6326, 0.4130, 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(237, 143, 143) }
```

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

```
.border{ border-color:rgb(237, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(237, 143,  
143) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.6326, 0.4130, 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(237, 143, 143) }
```

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

```
.background{ background-color: rgb(237,  
143, 143) }
```

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