

# Converting Colors

Yxy(38.9094, 0.4057, 0.3147)

Have a look what the booklet for  
Yxy(38.9094, 0.4057, 0.3147)  
contains.

<b>Yxy(38.9094, 0.4057, 0.3147)</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(38.9094, 0.4057, 0.3147)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE8B98
RGB	238, 139, 152
RGB Percent	93%, 55%, 60%
CMY	0.0667, 0.4549, 0.4039
CMYK	0.00, 0.42, 0.36, 0.07
HSL	352°, 74%, 74%
HSV	352°, 42%, 93%
XYZ	50.1606, 38.9094, 34.5696
YIQ	170.0830, 54.8310, 25.0310

# Conversions

## Conversions Part 2

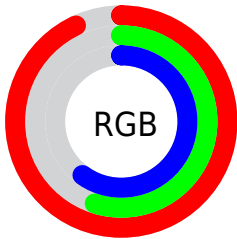
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 139, 152
Decimal	15633304
CIE <sub>Lab</sub>	68.69, 39.03, 9.57
CIE <sub>LCh</sub>	69, 40.191, 13.775
Yxy	38.9094, 0.4057, 0.3147
Android (android.graphics.Color)	4293823384 (0xFFEE8B98)
YUV	170.0830, -8.9149, 59.5632
Hunter-Lab	62.3774, 34.3798, 10.8056

# Details

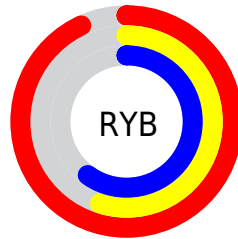
The Yxy color **38.9094, 0.4057, 0.3147** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.0778, 0.2621, 0.3446**, and the grayscale version is **40.2678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2998, 0.3531, 0.3168**, and **17.3397, 0.4343, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **32.1333, 0.4418, 0.3118**, and if you desaturate by 10%, it is **47.3076, 0.3755, 0.3181**.

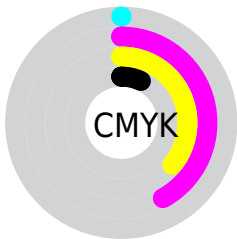
# Distribution



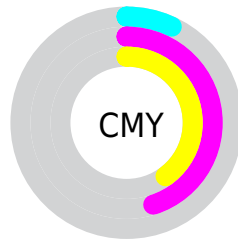
- Red (93%)
- Green (55%)
- Blue (60%)



- Red (93%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (42%)
- Yellow (36%)
- Black (7%)




- Cyan (7%)
- Magenta (45%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 38.9094, 0.4057, 0.3147 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 38.9094, 0.4057, 0.3147 by changing the saturation by 10% instead.





 38.9094, 0.4057,  
0.3147


 38.9094, 0.4057,  
0.3147


341.5051, 0.3574,  
0.3232


 26.6893, 0.4182,  
0.3122


 73.4999, 0.3878,  
0.3181

 17.3400, 0.4346,  
0.3086


 96.6390, 0.3812,  
0.3193

 10.4772, 0.4568,  
0.3035


 124.1866, 0.3756,  
0.3202

 5.7165, 0.4885,  
0.2954

156.5270, 0.3709,  
0.3210

 2.6735, 0.5367,  
0.2816

194.0447, 0.3668,  
0.3217

 0.9637, 0.6355,  
0.2618

237.1240, 0.3633,

 0.0000, 1.0000,

0.3223

0.0000

286.1494, 0.3602,  
0.3227

0.0000, 0.0000,  
0.0000

38.9094, 0.4057,  
0.3147

38.9094, 0.4057,  
0.3147

32.1333, 0.4418,  
0.3118

47.3076, 0.3755,  
0.3181

26.8691, 0.4833,  
0.3100

57.4173, 0.3508,  
0.3217

23.0019, 0.5277,  
0.3100


69.3283, 0.3309,  
0.3252

20.3978, 0.5704,  
0.3124

83.1222, 0.3150,  
0.3285

18.8967, 0.6054,  
0.3173

96.9178, 0.3023,  
0.3290

 18.2780, 0.6257,  
0.3220

# Harmonies

## Analogous

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



38.9094, 0.3525, 0.2744



38.9094, 0.4057, 0.3147



38.9094, 0.4311, 0.3606

# Triad

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



38.9094, 0.4057, 0.3147



38.9094, 0.3245, 0.4330



38.9094, 0.2129, 0.2460

# Complementary

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



38.9094, 0.4057, 0.3147



72.0778, 0.2621, 0.3446

# 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.



38.9094, 0.2072, 0.2795



38.9094, 0.4057, 0.3147



38.9094, 0.2680, 0.3943

# Square

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



38.9094, 0.4057, 0.3147



38.9094, 0.3806, 0.4337



38.9094, 0.2261, 0.3340



38.9094, 0.2421, 0.2356



# Rectangle

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



38.9094, 0.4057, 0.3147



38.9094, 0.4280, 0.3905



38.9094, 0.2261, 0.3340



38.9094, 0.2083, 0.2545

# Sweetspot

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



38.9113, 0.4057, 0.3147



80.4111, 0.3317, 0.3251



40.6160, 0.3057, 0.2231



16.7967, 0.3341, 0.3246



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.



38.9113, 0.4057, 0.3147



38.5889, 0.4364, 0.3122



50.8207, 0.4024, 0.3697



15.7926, 0.3273, 0.3259



10.2073, 0.6231, 0.3206



0.8598, 0.5934, 0.3043



# Inverse Universe

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



38.9113, 0.4057, 0.3147



38.5889, 0.4364, 0.3122



53.7651, 0.2485, 0.2834



15.7926, 0.3273, 0.3259



10.2073, 0.6231, 0.3206



0.8598, 0.5934, 0.3043



# Previews

## White Background



This preview shows how the Yxy color 38.9094, 0.4057, 0.3147 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

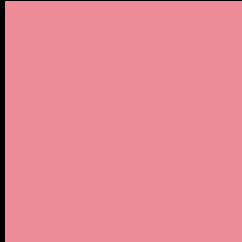
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 38.9094, 0.4057, 0.3147 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

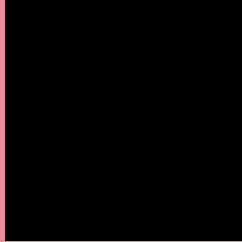
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 38.9094, 0.4057, 0.3147**

## Background



This preview shows how black text looks on a background with the Yxy color 38.9094, 0.4057, 0.3147.



This preview shows how white text looks on a background with the Yxy color 38.9094, 0.4057, 0.3147.

# 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

38.9094, 0.4057, 0.3147

### Protanopia

39.0854, 0.3164, 0.3290

### Deuteranopia

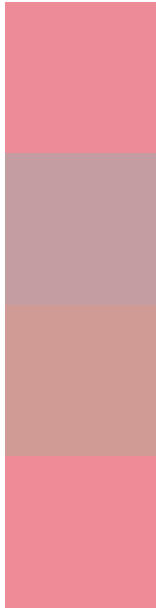
39.0551, 0.3541, 0.3479



## Tritanopia

38.8444, 0.4079, 0.3169

# Trichromacy



**Original Color**

38.9094, 0.4057, 0.3147

**Protanomaly**

38.3247, 0.3458, 0.3225

**Deuteranomaly**

38.6910, 0.3728, 0.3355

**Tritanomaly**

38.8767, 0.4068, 0.3158

# Monochromacy



**Original Color**

38.9094, 0.4057, 0.3147

**Achromatopsia**

40.1978, 0.3127, 0.3290

**Achromatomaly**

39.0427, 0.3444, 0.3239

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 38.9094, 0.4057, 0.3147 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(238, 139, 152)` looks like.

```
.text, #text, p{  
    color:rgb(238, 139, 152)  
}
```

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(238, 139, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 139, 152) }
```

## Border

The CSS property to change the border of an element to Yxy 38.9094, 0.4057, 0.3147 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(238, 139, 152) }
```

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

```
.border{ border-color:rgb(238, 139, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 139, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 139, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 139, 152);  
box-shadow:4px 4px 4px 4px rgb(238, 139,  
152) }
```



# Background

The CSS property to change the background color of an element to Yxy 38.9094, 0.4057, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 139, 152) }
```

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

```
.background{ background-color: rgb(238,  
139, 152) }
```

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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