

# Converting Colors

$Yxy(37.4949, 0.4361, 0.3189)$

Have a look what the booklet for  
Yxy(37.4949, 0.4361, 0.3189)  
contains.

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# Color

**Yxy(37.5211, 0.4351, 0.3188)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8818B
RGB	248, 129, 139
RGB Percent	97%, 51%, 55%
CMY	0.0276, 0.4940, 0.4549
CMYK	0.00, 0.48, 0.44, 0.03
HSL	355°, 89%, 74%
HSV	355°, 48%, 97%
XYZ	51.2090, 37.5211, 28.9647
YIQ	165.7210, 67.7140, 28.3380

# Conversions

## Conversions Part 2

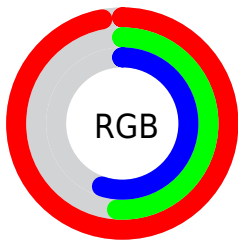
Format	Color
R <sub>Y</sub> B	248, 129, 139
Decimal	16286091
CIE Lab	67.67, 46.22, 15.62
CIE LCh	68, 48.794, 18.676
Yxy	37.5211, 0.4351, 0.3188
Android (android.graphics.Color)	4294476171 (0xFFFF8818B)
YUV	165.7210, -13.1735, 72.1587
Hunter-Lab	61.2545, 42.0315, 14.8424

# Details

The Yxy color **37.5211, 0.4351, 0.3188** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.9500, 0.2536, 0.3406**, and the grayscale version is **38.0356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3468, 0.3670, 0.3208**, and **16.5815, 0.4738, 0.3126** is the 20% darker color. If you saturate the color by 10%, you get **31.1653, 0.4772, 0.3175**, and if you desaturate by 10%, it is **45.6035, 0.3989, 0.3207**.

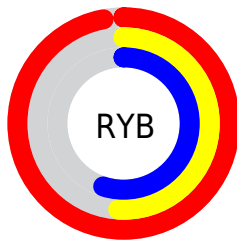
# Distribution



Red (97%)

Green (51%)

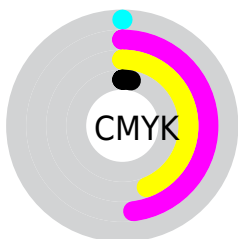
Blue (55%)



Red (97%)

Yellow (51%)

Blue (55%)

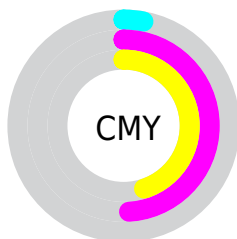


Cyan (0%)

Magenta (48%)

Yellow (44%)

Black (3%)



Cyan (3%)

Magenta (49%)


Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 37.5211, 0.4351, 0.3188 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 37.5211, 0.4351, 0.3188 by changing the saturation by 10% instead.





 37.5211, 0.4351,  
0.3188


 37.5211, 0.4351,  
0.3188


335.5611, 0.3712,  
0.3263


 25.6112, 0.4517,  
0.3161


 71.3735, 0.4113,  
0.3221

 16.5330, 0.4734,  
0.3122


 94.0848, 0.4026,  
0.3232

 9.9021, 0.5025,  
0.3061


 121.1654, 0.3952,  
0.3240

 5.3341, 0.5436,  
0.2960

152.9997, 0.3890,  
0.3247

 2.4446, 0.6046,  
0.2775

189.9720, 0.3836,  
0.3252

 0.8487, 0.7448,  
0.2552

232.4667, 0.3789,


 0.0000, 1.0000,


0.3256


0.0000


280.8683, 0.3748,  
0.3260


 0.0000, 0.0000,  
0.0000


 37.5211, 0.4351,  
0.3188


 37.5211, 0.4351,  
0.3188

 31.1653, 0.4772,  
0.3175


 45.6035, 0.3989,  
0.3207


 26.4052, 0.5230,  
0.3173


 55.5195, 0.3690,  
0.3229


 23.1004, 0.5680,  
0.3186

 67.3743, 0.3448,  
0.3252

 21.0837, 0.6054,  
0.3216

 81.2633, 0.3254,  
0.3274

 20.1298, 0.6296,  
0.3255

 97.2757, 0.3098,  
0.3294

■ 20.0012, 0.6330,  
0.3261

■ 98.6880, 0.3084,  
0.3290

# Harmonies

## Analogous

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



37.5211, 0.3731, 0.2701



37.5211, 0.4351, 0.3188



37.5211, 0.4583, 0.3730

# Triad

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



37.5211, 0.4351, 0.3188



37.5211, 0.3134, 0.4547



37.5211, 0.1971, 0.2248

# Complementary

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



37.5211, 0.4351, 0.3188



77.9500, 0.2536, 0.3406

# 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.



37.5211, 0.1857, 0.2587



37.5211, 0.4351, 0.3188



37.5211, 0.2475, 0.3990

# Square

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



37.5211, 0.4351, 0.3188



37.5211, 0.3828, 0.4600



37.5211, 0.2024, 0.3213



37.5211, 0.2354, 0.2180



# Rectangle

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



37.5211, 0.4351, 0.3188



37.5211, 0.4485, 0.4086



37.5211, 0.2024, 0.3213



37.5211, 0.1903, 0.2329

# Sweetspot

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



37.5230, 0.4351, 0.3188



77.3690, 0.3366, 0.3261



40.3293, 0.3075, 0.2088



15.8976, 0.3410, 0.3256



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.



37.5230, 0.4351, 0.3188



33.1396, 0.4778, 0.3175



52.8229, 0.4194, 0.3799



17.2488, 0.3281, 0.3270



10.8173, 0.6311, 0.3250



1.0097, 0.6116, 0.3143



# Inverse Universe

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



37.5230, 0.4351, 0.3188



33.1396, 0.4778, 0.3175



52.9335, 0.2382, 0.2698



17.2488, 0.3281, 0.3270



10.8173, 0.6311, 0.3250



1.0097, 0.6116, 0.3143



# Previews

## White Background



This preview shows how the Yxy color 37.5211, 0.4351, 0.3188 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 37.5211, 0.4351, 0.3188 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

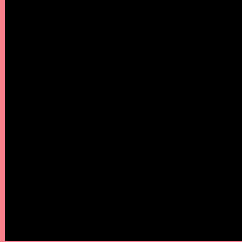
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 37.5211, 0.4351, 0.3188**

## Background



This preview shows how black text looks on a background with the Yxy color 37.5211, 0.4351, 0.3188.



This preview shows how white text looks on a background with the Yxy color 37.5211, 0.4351, 0.3188.

# 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

37.5211, 0.4351, 0.3188

### Protanopia

37.8906, 0.3245, 0.3404

### Deuteranopia

37.7240, 0.3697, 0.3628



## Tritanopia

37.4920, 0.4363, 0.3198

# Trichromacy



## Original Color

37.5211, 0.4351, 0.3188

## Protanomaly

36.6642, 0.3622, 0.3318

## Deuteranomaly

36.9544, 0.3930, 0.3443

## Tritanomaly

37.4920, 0.4363, 0.3198

# Monochromacy



## Original Color

37.5211, 0.4351, 0.3188

## Achromatopsia

38.1326, 0.3127, 0.3290

## Achromatomaly

36.9185, 0.3537, 0.3252

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 37.5211, 0.4351, 0.3188 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(248, 129, 139)` looks like.

```
.text, #text, p{  
    color:rgb(248, 129, 139)  
}
```

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(248, 129, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 129, 139) }
```

## Border

The CSS property to change the border of an element to Yxy 37.5211, 0.4351, 0.3188 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(248, 129, 139) }
```

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

```
.border{ border-color:rgb(248, 129, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 129, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 129, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 129, 139);  
box-shadow:4px 4px 4px 4px rgb(248, 129,  
139) }
```



# Background

The CSS property to change the background color of an element to Yxy 37.5211, 0.4351, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 129, 139) }
```

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

```
.background{ background-color: rgb(248,  
129, 139) }
```

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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