

Converting Colors

$Y_{xy}(39.1771, 0.4404, 0.3058)$

Have a look what the booklet for
Yxy(39.1771, 0.4404, 0.3058)
contains.

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Color

Yxy(37.8134, 0.4335, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	FF7C94
RGB	255, 124, 148
RGB Percent	100%, 49%, 58%
CMY	0.0000, 0.5137, 0.4195
CMYK	0.00, 0.51, 0.42, 0.00
HSL	349°, 100%, 74%
HSV	349°, 51%, 100%
XYZ	53.7975, 37.8134, 32.4895
YIQ	165.9050, 70.3720, 35.2360

Conversions

Conversions Part 2

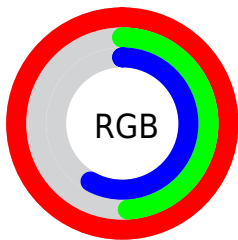
Format	Color
RYB	255, 124, 148
Decimal	16743572
CIELab	67.88, 52.03, 10.98
CIELCh	68, 53.179, 11.915
Yxy	37.8134, 0.4335, 0.3047
Android (android.graphics.Color)	4294933652 (0xFFFF7C94)
YUV	165.9050, -8.8272, 78.1363
Hunter-Lab	61.4926, 48.5508, 11.7191

Details

The Yxy color **37.8134, 0.4335, 0.3047** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **81.5728, 0.2562, 0.3573**, and the grayscale version is **38.1022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1668, 0.3593, 0.3063**, and **16.6074, 0.4701, 0.2937** is the 20% darker color. If you saturate the color by 10%, you get **31.6260, 0.4725, 0.3019**, and if you desaturate by 10%, it is **45.7710, 0.3997, 0.3089**.

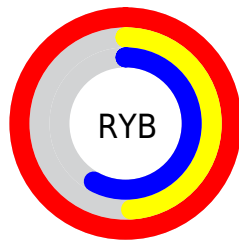
Distribution



Red (100%)

Green (49%)

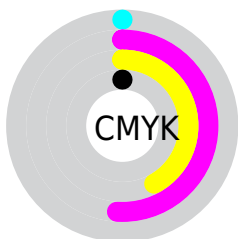
Blue (58%)



Red (100%)

Yellow (49%)

Blue (58%)

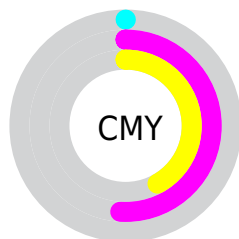


Cyan (0%)

Magenta (51%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.8134, 0.4335, 0.3047 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 37.8134, 0.4335, 0.3047 by changing the saturation by 10% instead.

 37.8134, 0.4335,
0.3047


 37.8134, 0.4335,
0.3047


336.8188, 0.3707,
0.3189


 25.8379, 0.4498,
0.3005


 71.8220, 0.4102,
0.3103

 16.7024, 0.4710,
0.2948


 94.6240, 0.4016,
0.3123

 10.0225, 0.4995,
0.2866

 121.8035, 0.3944,
0.3139

 5.4139, 0.5397,
0.2739

153.7450, 0.3882,
0.3152

 2.4921, 0.5997,
0.2529

190.8329, 0.3829,
0.3164

 0.8727, 0.7284,
0.2246

233.4516, 0.3783,


 0.0000, 1.0000,

0.3173

0.0000


281.9854, 0.3743,
0.3182

 0.0000, 0.0000,
0.0000

 37.8134, 0.4335,
0.3047

 37.8134, 0.4335,
0.3047

 31.6260, 0.4725,
0.3019

 45.7710, 0.3997,
0.3089


 27.0730, 0.5147,
0.3013

 55.6217, 0.3714,
0.3138

 23.9976, 0.5564,
0.3039

 67.4765, 0.3483,
0.3189

 22.2122, 0.5924,
0.3098

 81.4380, 0.3296,
0.3238

 21.4634, 0.6156,
0.3165

 97.6018, 0.3145,
0.3284

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



37.8134, 0.3597, 0.2555



37.8134, 0.4335, 0.3047



37.8134, 0.4694, 0.3616

Triad

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



37.8134, 0.4335, 0.3047



37.8134, 0.3296, 0.4730



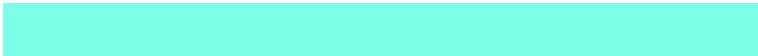
37.8134, 0.1835, 0.2221

Complementary

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



37.8134, 0.4335, 0.3047



81.5728, 0.2562, 0.3573

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.



37.8134, 0.1778, 0.2649



37.8134, 0.4335, 0.3047



37.8134, 0.2561, 0.4234

Square

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



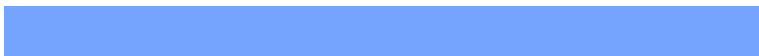
37.8134, 0.4335, 0.3047



37.8134, 0.4026, 0.4646



37.8134, 0.2020, 0.3387



37.8134, 0.2176, 0.2093

Rectangle

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



37.8134, 0.4335, 0.3047



37.8134, 0.4652, 0.4004



37.8134, 0.2020, 0.3387



37.8134, 0.1784, 0.2328

Sweetspot

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



37.8132, 0.4335, 0.3047



76.1260, 0.3359, 0.3220



38.2593, 0.2953, 0.1965



15.6612, 0.3398, 0.3210



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.



37.8132, 0.4335, 0.3047



31.2946, 0.4750, 0.3018



49.0152, 0.4379, 0.3699



18.0415, 0.3265, 0.3247



11.2306, 0.6122, 0.3146



1.1074, 0.5833, 0.2987

Inverse Universe

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



37.8132, 0.4335, 0.3047



31.2946, 0.4750, 0.3018



60.4623, 0.2366, 0.2813



18.0415, 0.3265, 0.3247



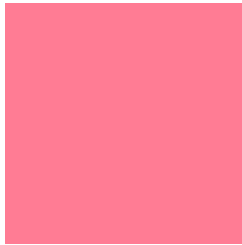
11.2306, 0.6122, 0.3146



1.1074, 0.5833, 0.2987

Previews

White Background



This preview shows how the Yxy color 37.8134, 0.4335, 0.3047 looks on a white background.

Color Contrast Check

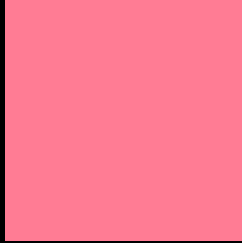
Large Text (above 18pt) WCAG AA × Fail

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 37.8134, 0.4335, 0.3047 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 37.8134, 0.4335, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 37.8134, 0.4335, 0.3047.



This preview shows how white text looks on a background with the Yxy color 37.8134, 0.4335, 0.3047.

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

37.8134, 0.4335, 0.3047

Protanopia

38.0280, 0.3103, 0.3220

Deuteranopia

38.0418, 0.3595, 0.3535



Tritanopia

37.7418, 0.4471, 0.3202

Trichromacy



Original Color

37.8134, 0.4335, 0.3047

Protanomaly

36.5634, 0.3514, 0.3135

Deuteranomaly

37.1772, 0.3869, 0.3329

Tritanomaly

37.6315, 0.4417, 0.3140

Monochromacy



Original Color

37.8134, 0.4335, 0.3047

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.6422, 0.3532, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8134, 0.4335, 0.3047 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(255, 124, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 148)  
}
```

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(255, 124, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 148) }
```

Border

The CSS property to change the border of an element to Yxy 37.8134, 0.4335, 0.3047 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(255, 124, 148) }
```

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

```
.border{ border-color:rgb(255, 124, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8134, 0.4335, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 148) }
```

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

```
.background{ background-color: rgb(255,  
124, 148) }
```

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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