

Converting Colors

$Y_{xy}(37.0350, 0.4303, 0.3096)$

Have a look what the booklet for
Yxy(37.0350, 0.4303, 0.3096)
contains.

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Color

Yxy(37.1058, 0.4304, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	F97E91
RGB	249, 126, 145
RGB Percent	98%, 49%, 57%
CMY	0.0236, 0.5058, 0.4314
CMYK	0.00, 0.49, 0.42, 0.02
HSL	351°, 91%, 74%
HSV	351°, 49%, 98%
XYZ	51.6338, 37.1058, 31.2274
YIQ	164.9430, 67.2090, 31.9850

Conversions

Conversions Part 2

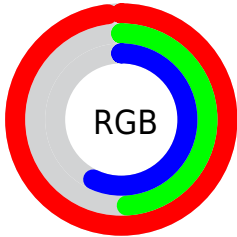
Format	Color
RYB	249, 126, 145
Decimal	16350865
CIELab	67.36, 48.68, 11.82
CIElCh	67, 50.098, 13.653
Yxy	37.1058, 0.4304, 0.3093
Android (android.graphics.Color)	4294540945 (0xFFFF97E91)
YUV	164.9430, -9.8319, 73.7180
Hunter-Lab	60.9145, 44.7039, 12.2456

Details

The Yxy color **37.1058, 0.4304, 0.3093** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.8912, 0.2562, 0.3516**, and the grayscale version is **37.6245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4313, 0.3617, 0.3104**, and **16.2798, 0.4674, 0.2999** is the 20% darker color. If you saturate the color by 10%, you get **30.9214, 0.4698, 0.3067**, and if you desaturate by 10%, it is **44.9987, 0.3964, 0.3130**.

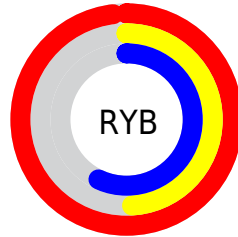
Distribution



Red (98%)

Green (49%)

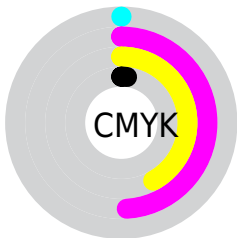
Blue (57%)



Red (98%)

Yellow (49%)

Blue (57%)

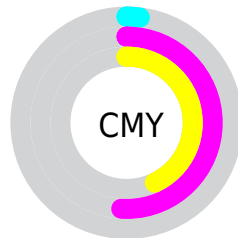


Cyan (0%)

Magenta (49%)

Yellow (42%)

Black (2%)



Cyan (2%)


Magenta (51%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1058, 0.4304, 0.3093 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 37.1058, 0.4304, 0.3093 by changing the saturation by 10% instead.


 37.1058, 0.4304,
0.3093


 37.1058, 0.4304,
0.3093


333.7683, 0.3689,
0.3212


 25.2894, 0.4464,
0.3057


 70.7355, 0.4075,
0.3141

 16.2928, 0.4673,
0.3006


 93.3176, 0.3991,
0.3158

 9.7316, 0.4956,
0.2931


 120.2570, 0.3920,
0.3171

 5.2214, 0.5357,
0.2814

151.9382, 0.3860,
0.3182

 2.3777, 0.5959,
0.2614

188.7455, 0.3809,
0.3192

 0.8144, 0.7434,
0.2390

231.0634, 0.3764,

 0.0000, 1.0000,

0.3199

0.0000

279.2762, 0.3724,
0.3206

■ 0.0000, 0.0000,
0.0000

■ 37.1058, 0.4304,
0.3093

■ 37.1058, 0.4304,
0.3093

■ 30.9214, 0.4698,
0.3067

■ 44.9987, 0.3964,
0.3130

■ 26.3133, 0.5130,
0.3061

■ 54.7080, 0.3682,
0.3171

■ 23.1393, 0.5561,
0.3080

■ 66.3393, 0.3453,
0.3213

■ 21.2289, 0.5935,
0.3128

■ 79.9887, 0.3268,
0.3254

■ 20.3210, 0.6204,
0.3195

■ 95.7456, 0.3119,
0.3292

■ 20.2792, 0.6217,
0.3198

■ 98.8765, 0.3090,
0.3290

Harmonies

Analogous

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



37.1058, 0.3620, 0.2613



37.1058, 0.4304, 0.3093



37.1058, 0.4620, 0.3643

Triad

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



37.1058, 0.4304, 0.3093



37.1058, 0.3253, 0.4636



37.1058, 0.1902, 0.2257

Complementary

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



37.1058, 0.4304, 0.3093



77.8912, 0.2562, 0.3516

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.



37.1058, 0.1833, 0.2653



37.1058, 0.4304, 0.3093



37.1058, 0.2556, 0.4138

Square

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



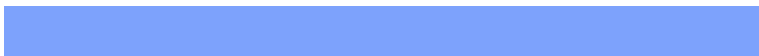
37.1058, 0.4304, 0.3093



37.1058, 0.3953, 0.4599



37.1058, 0.2051, 0.3340



37.1058, 0.2248, 0.2146

Rectangle

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



37.1058, 0.4304, 0.3093



37.1058, 0.4567, 0.4013



37.1058, 0.2051, 0.3340



37.1058, 0.1848, 0.2355

Sweetspot

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



37.1077, 0.4304, 0.3093



76.0659, 0.3367, 0.3231



38.3394, 0.2999, 0.2028



15.6469, 0.3408, 0.3223



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.



37.1077, 0.4304, 0.3093



32.8242, 0.4685, 0.3068



49.2837, 0.4285, 0.3728



17.2689, 0.3270, 0.3254



10.8698, 0.6187, 0.3182



1.0192, 0.5899, 0.3023

Inverse Universe

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



37.1077, 0.4304, 0.3093



32.8242, 0.4685, 0.3068



56.3850, 0.2382, 0.2783



17.2689, 0.3270, 0.3254



10.8698, 0.6187, 0.3182



1.0192, 0.5899, 0.3023

Previews

White Background



This preview shows how the Yxy color 37.1058, 0.4304, 0.3093 looks on a white background.

Color Contrast Check

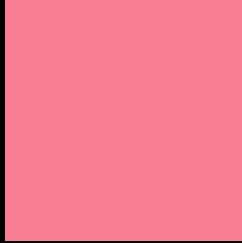
Large Text (above 18pt) WCAG AA × Fail

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 37.1058, 0.4304, 0.3093 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 37.1058, 0.4304, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 37.1058, 0.4304, 0.3093.

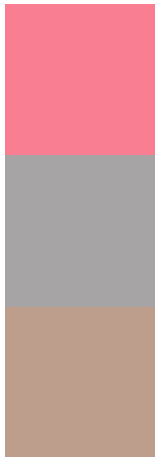


This preview shows how white text looks on a background with the Yxy color 37.1058, 0.4304, 0.3093.

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

37.1058, 0.4304, 0.3093

Protanopia

37.4830, 0.3147, 0.3276

Deuteranopia

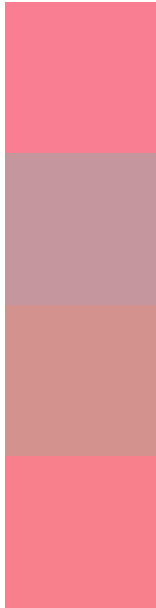
37.1660, 0.3611, 0.3536



Tritanopia

36.9413, 0.4385, 0.3188

Trichromacy



Original Color

37.1058, 0.4304, 0.3093

Protanomaly

36.1516, 0.3534, 0.3186

Deuteranomaly

36.3596, 0.3863, 0.3343

Tritanomaly

37.0287, 0.4350, 0.3156

Monochromacy



Original Color

37.1058, 0.4304, 0.3093

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.3376, 0.3522, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1058, 0.4304, 0.3093 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(249, 126, 145)` looks like.

```
.text, #text, p{  
    color:rgb(249, 126, 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(249, 126, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 126, 145) }
```

Border

The CSS property to change the border of an element to Yxy 37.1058, 0.4304, 0.3093 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(249, 126, 145) }
```

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

```
.border{ border-color:rgb(249, 126, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 126, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 126, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 126, 145);  
box-shadow:4px 4px 4px 4px rgb(249, 126,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1058, 0.4304, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 126, 145) }
```

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

```
.background{ background-color: rgb(249,  
126, 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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