

Converting Colors

$Y_{xy}(36.8469, 0.4368, 0.3086)$

Have a look what the booklet for
Yxy(36.8469, 0.4368, 0.3086)
contains.

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Color

Yxy(36.8445, 0.4371, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	FC7B8F
RGB	252, 123, 143
RGB Percent	99%, 48%, 56%
CMY	0.0118, 0.5176, 0.4391
CMYK	0.00, 0.51, 0.43, 0.01
HSL	351°, 96%, 74%
HSV	351°, 51%, 99%
XYZ	52.1864, 36.8445, 30.3615
YIQ	163.8510, 70.4640, 33.5680

Conversions

Conversions Part 2

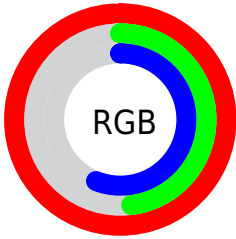
Format	Color
RYB	252, 123, 143
Decimal	16546703
CIELab	67.16, 50.98, 12.72
CIElCh	67, 52.540, 14.007
Yxy	36.8445, 0.4371, 0.3086
Android (android.graphics.Color)	4294736783 (0xFFFC7B8F)
YUV	163.8510, -10.2795, 77.3067
Hunter-Lab	60.6997, 47.2406, 12.8334

Details

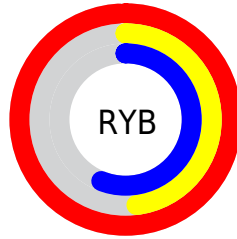
The Yxy color **36.8445, 0.4371, 0.3086** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.6532, 0.2548, 0.3527**, and the grayscale version is **37.0770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.1320, 0.3641, 0.3094**, and **16.1229, 0.4754, 0.2995** is the 20% darker color. If you saturate the color by 10%, you get **30.7928, 0.4774, 0.3063**, and if you desaturate by 10%, it is **44.6312, 0.4021, 0.3121**.

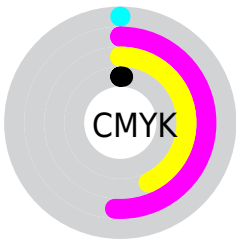
Distribution



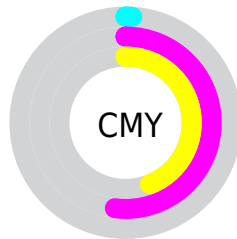
- Red (99%)
- Green (48%)
- Blue (56%)



- Red (99%)
- Yellow (48%)
- Blue (56%)



- Cyan (0%)
- Magenta (51%)
- Yellow (43%)
- Black (1%)





- Cyan (1%)
- Magenta (52%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8445, 0.4371, 0.3086 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 36.8445, 0.4371, 0.3086 by changing the saturation by 10% instead.


 36.8445, 0.4371,
0.3086


 36.8445, 0.4371,
0.3086


332.6368, 0.3721,
0.3211

 25.0871, 0.4540,
0.3047


 70.3336, 0.4129,
0.3137

 16.1420, 0.4761,
0.2993


 92.8340, 0.4040,
0.3154

 9.6247, 0.5060,
0.2914


 119.6843, 0.3965,
0.3168

 5.1508, 0.5481,
0.2789

151.2688, 0.3902,
0.3180

 2.3360, 0.6109,
0.2574

187.9719, 0.3847,
0.3190

 0.7927, 0.7669,
0.2331

230.1780, 0.3799,

 0.0000, 1.0000,

0.3198

0.0000

278.2715, 0.3758,
0.3205

0.0000, 0.0000,
0.0000

36.8445, 0.4371,
0.3086

36.8445, 0.4371,
0.3086

30.7928, 0.4774,
0.3063

44.6312, 0.4021,
0.3121

26.3373, 0.5209,
0.3061

54.2662, 0.3729,
0.3163

23.3274, 0.5633,
0.3085

65.8599, 0.3491,
0.3205

21.5806, 0.5991,
0.3139

79.5126, 0.3298,
0.3247

20.8418, 0.6216,
0.3198

95.3175, 0.3143,
0.3286

99.4344, 0.3109,
0.3290

Harmonies

Analogous

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



36.8445, 0.3652, 0.2588



36.8445, 0.4371, 0.3086



36.8445, 0.4695, 0.3656

Triad

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



36.8445, 0.4371, 0.3086



36.8445, 0.3243, 0.4709



36.8445, 0.1853, 0.2206

Complementary

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



36.8445, 0.4371, 0.3086



79.6532, 0.2548, 0.3527

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.



36.8445, 0.1776, 0.2611



36.8445, 0.4371, 0.3086



36.8445, 0.2517, 0.4177

Square

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



36.8445, 0.4371, 0.3086



36.8445, 0.3977, 0.4664



36.8445, 0.1996, 0.3328



36.8445, 0.2214, 0.2098

Rectangle

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



36.8445, 0.4371, 0.3086



36.8445, 0.4631, 0.4042



36.8445, 0.1996, 0.3328



36.8445, 0.1796, 0.2306

Sweetspot

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



36.8464, 0.4371, 0.3086



76.0679, 0.3367, 0.3231



38.1010, 0.2993, 0.1985



15.6474, 0.3407, 0.3222



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.



36.8464, 0.4371, 0.3086



31.7144, 0.4768, 0.3063



49.3982, 0.4345, 0.3742



17.2691, 0.3269, 0.3253



10.8707, 0.6185, 0.3181



1.0193, 0.5897, 0.3022

Inverse Universe

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



36.8464, 0.4371, 0.3086



31.7144, 0.4768, 0.3063



56.8398, 0.2358, 0.2761



17.2691, 0.3269, 0.3253



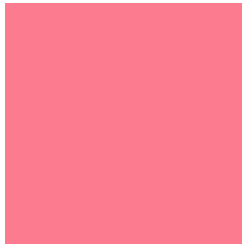
10.8707, 0.6185, 0.3181



1.0193, 0.5897, 0.3022

Previews

White Background



This preview shows how the Yxy color 36.8445, 0.4371, 0.3086 looks on a white background.

Color Contrast Check

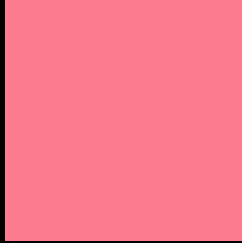
Large Text (above 18pt) WCAG AA × Fail

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 36.8445, 0.4371, 0.3086 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 36.8445, 0.4371, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 36.8445, 0.4371, 0.3086.



This preview shows how white text looks on a background with the Yxy color 36.8445, 0.4371, 0.3086.

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

36.8445, 0.4371, 0.3086

Protanopia

37.0902, 0.3156, 0.3276

Deuteranopia

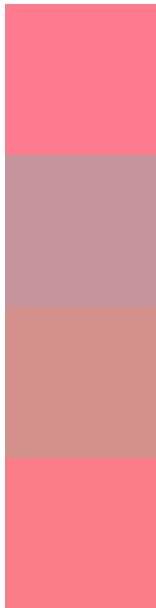
37.0787, 0.3640, 0.3578



Tritanopia

36.8699, 0.4472, 0.3211

Trichromacy



Original Color

36.8445, 0.4371, 0.3086

Protanomaly

35.5859, 0.3571, 0.3186

Deuteranomaly

36.1119, 0.3911, 0.3368

Tritanomaly

36.7307, 0.4430, 0.3159

Monochromacy



Original Color

36.8445, 0.4371, 0.3086

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

35.6310, 0.3547, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8445, 0.4371, 0.3086 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(252, 123, 143)` looks like.

```
.text, #text, p{  
    color:rgb(252, 123, 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(252, 123, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 123, 143) }
```

Border

The CSS property to change the border of an element to Yxy 36.8445, 0.4371, 0.3086 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(252, 123, 143) }
```

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

```
.border{ border-color:rgb(252, 123, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 123, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 123, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 123, 143);  
box-shadow:4px 4px 4px 4px rgb(252, 123,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8445, 0.4371, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 123, 143) }
```

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

```
.background{ background-color: rgb(252,  
123, 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](#).

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