

Converting Colors

$Y_{xy}(47.6319, 0.3798, 0.2937)$

Have a look what the booklet for
Yxy(47.6319, 0.3798, 0.2937)
contains.

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Color

Yxy(47.6303, 0.3798, 0.2937)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF99BB |
| RGB | 255, 153, 187 |
| RGB Percent | 100%, 60%, 73% |
| CMY | 0.0001, 0.3999, 0.2667 |
| CMYK | 0.00, 0.40, 0.27, 0.00 |
| HSL | 340°, 100%, 80% |
| HSV | 340°, 40%, 100% |
| XYZ | 61.5934, 47.6303, 52.9496 |
| YIQ | 187.3740, 49.8780, 32.1980 |

Conversions

Conversions Part 2

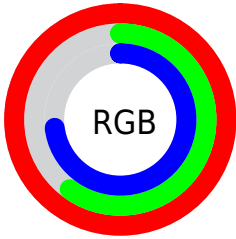
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 153, 187 |
| Decimal | 16751035 |
| CIE Lab | 74.59, 42.20, -1.08 |
| CIE LCh | 75, 42.217, 358.527 |
| Yxy | 47.6303, 0.3798, 0.2937 |
| Android (android.graphics.Color) | 4294941115 (0xFFFF99BB) |
| YUV | 187.3740, -0.1844, 59.3080 |
| Hunter-Lab | 69.0147, 38.5298, 2.8217 |

Details

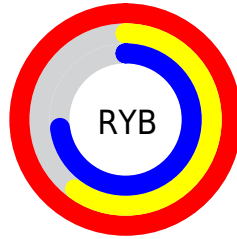
The Yxy color **47.6303, 0.3798, 0.2937** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.5028, 0.2732, 0.3683**, and the grayscale version is **49.8978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3320, 0.3231, 0.2954**, and **22.5713, 0.3981, 0.2841** is the 20% darker color. If you saturate the color by 10%, you get **39.4718, 0.4060, 0.2854**, and if you desaturate by 10%, it is **57.6629, 0.3578, 0.3027**.

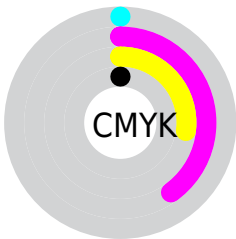
Distribution



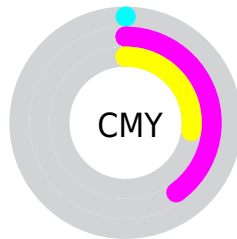
- Red (100%)
- Green (60%)
- Blue (73%)



- Red (100%)
- Yellow (60%)
- Blue (73%)



- Cyan (0%)
- Magenta (40%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6303, 0.3798, 0.2937 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 47.6303, 0.3798, 0.2937 by changing the saturation by 10% instead.


 47.6303, 0.3798,
0.2937


 47.6303, 0.3798,
0.2937


377.3248, 0.3465,
0.3112

 33.5342, 0.3880,
0.2894


 86.6537, 0.3678,
0.3000

 22.5360, 0.3985,
0.2840


 112.3498, 0.3632,
0.3024

 14.2513, 0.4123,
0.2768


142.6814, 0.3594,
0.3044

 8.2956, 0.4314,
0.2670

178.0328, 0.3561,
0.3061

 4.2847, 0.4592,
0.2527

218.7884, 0.3532,
0.3076

 1.8341, 0.5033,
0.2302

265.3327, 0.3507,

 0.5083, 0.6002,

0.3089

0.1786

318.0501, 0.3485,
0.3101

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.6303, 0.3798,
0.2937

47.6303, 0.3798,
0.2937

39.4718, 0.4060,
0.2854

57.6629, 0.3578,
0.3027

33.0628, 0.4363,
0.2788

69.6700, 0.3397,
0.3119

28.2746, 0.4700,
0.2751

83.7531, 0.3248,
0.3207

24.9573, 0.5052,
0.2756

99.9961, 0.3127,
0.3290

■ 22.9327, 0.5392,
0.2811

■ 21.9119, 0.5691,
0.2909

■ 21.9108, 0.5691,
0.2909

Harmonies

Analogous

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



47.6303, 0.3211, 0.2593



47.6303, 0.3798, 0.2937



47.6303, 0.4206, 0.3370

Triad

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



47.6303, 0.3798, 0.2937



47.6303, 0.3535, 0.4360



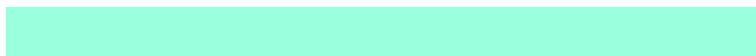
47.6303, 0.2086, 0.2613

Complementary

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



47.6303, 0.3798, 0.2937



83.5028, 0.2732, 0.3683

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.



47.6303, 0.2153, 0.3056



47.6303, 0.3798, 0.2937



47.6303, 0.2962, 0.4165

Square

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



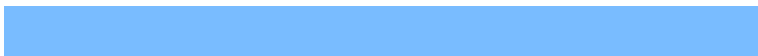
47.6303, 0.3798, 0.2937



47.6303, 0.4024, 0.4199



47.6303, 0.2461, 0.3649



47.6303, 0.2258, 0.2396

Rectangle

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



47.6303, 0.3798, 0.2937



47.6303, 0.4297, 0.3674



47.6303, 0.2461, 0.3649



47.6303, 0.2082, 0.2737

Sweetspot

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



47.6326, 0.3798, 0.2937



80.7612, 0.3276, 0.3190



45.3793, 0.2893, 0.2215



16.8786, 0.3294, 0.3178



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.



47.6326, 0.3798, 0.2937



40.9571, 0.4004, 0.2870



52.3116, 0.4072, 0.3472



18.0869, 0.3242, 0.3211



11.4756, 0.5648, 0.2885



1.1366, 0.5330, 0.2710

Inverse Universe

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



47.6326, 0.3798, 0.2937



40.9571, 0.4004, 0.2870



75.1342, 0.2544, 0.3095



18.0869, 0.3242, 0.3211



11.4756, 0.5648, 0.2885



1.1366, 0.5330, 0.2710

Previews

White Background



This preview shows how the Yxy color 47.6303, 0.3798, 0.2937 looks on a white background.

Color Contrast Check

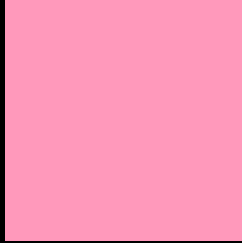
Large Text (above 18pt) WCAG AA × Fail

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 47.6303, 0.3798, 0.2937 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 47.6303, 0.3798, 0.2937

Background



This preview shows how black text looks on a background with the Yxy color 47.6303, 0.3798, 0.2937.



This preview shows how white text looks on a background with the Yxy color 47.6303, 0.3798, 0.2937.

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

47.6303, 0.3798, 0.2937

Protanopia

48.0985, 0.2944, 0.3012

Deuteranopia

47.8162, 0.3297, 0.3229



Tritanopia

47.4867, 0.3964, 0.3165

Trichromacy



Original Color

47.6303, 0.3798, 0.2937



Protanomaly

46.9922, 0.3230, 0.2979



Deuteranomaly

47.2088, 0.3475, 0.3115



Tritanomaly

47.6087, 0.3905, 0.3081

Monochromacy



Original Color

47.6303, 0.3798, 0.2937



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

48.2448, 0.3356, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6303, 0.3798, 0.2937 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, 153, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 187)  
}
```

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, 153, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 187) }
```

Border

The CSS property to change the border of an element to Yxy 47.6303, 0.3798, 0.2937 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, 153, 187) }
```

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

```
.border{ border-color:rgb(255, 153, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6303, 0.3798, 0.2937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 187) }
```

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

```
.background{ background-color: rgb(255,  
153, 187) }
```

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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