

Converting Colors

$Y_{xy}(47.8102, 0.3767, 0.2916)$

Have a look what the booklet for
Yxy(47.8102, 0.3767, 0.2916)
contains.

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Color

Yxy(47.8562, 0.3766, 0.2925)

Conversions

Conversions Part 1

Format	Color
Hex	FE9ABD
RGB	254, 154, 189
RGB Percent	100%, 60%, 74%
CMY	0.0039, 0.3961, 0.2588
CMYK	0.00, 0.39, 0.26, 0.00
HSL	339°, 98%, 80%
HSV	339°, 39%, 100%
XYZ	61.6159, 47.8562, 54.1389
YIQ	187.8900, 48.3650, 32.0850

Conversions

Conversions Part 2

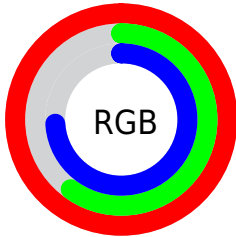
Format	Color
RYB	254, 154, 189
Decimal	16685757
CIELab	74.73, 41.64, -2.01
CIELCh	75, 41.687, 357.240
Yxy	47.8562, 0.3766, 0.2925
Android (android.graphics.Color)	4294875837 (0xFFFE9ABD)
YUV	187.8900, 0.5472, 57.9785
Hunter-Lab	69.1782, 37.9252, 2.0244

Details

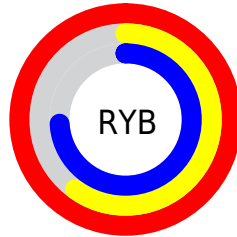
The Yxy color **47.8562, 0.3766, 0.2925** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.8712, 0.2746, 0.3696**, and the grayscale version is **50.2017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9458, 0.3216, 0.2945**, and **22.6870, 0.3936, 0.2825** is the 20% darker color. If you saturate the color by 10%, you get **39.6656, 0.4017, 0.2837**, and if you desaturate by 10%, it is **57.9068, 0.3555, 0.3020**.

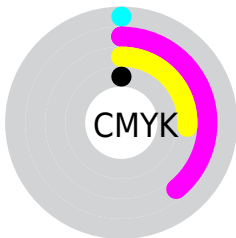
Distribution



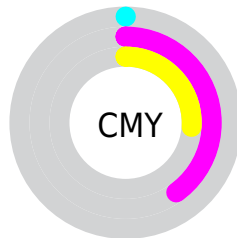
- Red (100%)
- Green (60%)
- Blue (74%)



- Red (100%)
- Yellow (60%)
- Blue (74%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8562, 0.3766, 0.2925 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 47.8562, 0.3766, 0.2925 by changing the saturation by 10% instead.


 47.8562, 0.3766,
0.2925


 47.8562, 0.3766,
0.2925


378.2219, 0.3450,
0.3104

 33.7130, 0.3844,
0.2881


 86.9903, 0.3652,
0.2989

 22.6732, 0.3943,
0.2826


 112.7499, 0.3609,
0.3014

 14.3524, 0.4074,
0.2753


143.1506, 0.3572,
0.3035

 8.3662, 0.4254,
0.2653

178.5765, 0.3541,
0.3052

 4.3301, 0.4517,
0.2510

219.4123, 0.3513,
0.3068

 1.8599, 0.4932,
0.2286

266.0421, 0.3490,

 0.5241, 0.5806,

0.3082

0.1780

318.8505, 0.3468,
0.3094

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.8562, 0.3766,
0.2925

47.8562, 0.3766,
0.2925

39.6656, 0.4017,
0.2837

57.9068, 0.3555,
0.3020

33.2125, 0.4309,
0.2766

69.9161, 0.3380,
0.3116

28.3706, 0.4634,
0.2723

83.9838, 0.3237,
0.3208

24.9931, 0.4976,
0.2722

99.8117, 0.3121,
0.3290

■ 22.9059, 0.5309,
0.2771

■ 21.8439, 0.5608,
0.2866

■ 21.7916, 0.5626,
0.2873

Harmonies

Analogous

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



47.8562, 0.3185, 0.2590



47.8562, 0.3766, 0.2925



47.8562, 0.4179, 0.3351

Triad

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



47.8562, 0.3766, 0.2925



47.8562, 0.3554, 0.4344



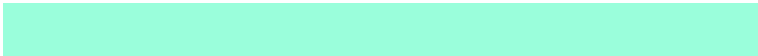
47.8562, 0.2097, 0.2637

Complementary

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



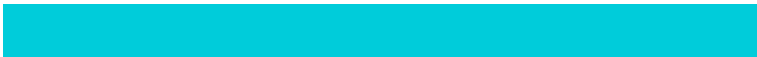
47.8562, 0.3766, 0.2925



82.8712, 0.2746, 0.3696

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.



47.8562, 0.2174, 0.3084



47.8562, 0.3766, 0.2925



47.8562, 0.2988, 0.4167

Square

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



47.8562, 0.3766, 0.2925



47.8562, 0.4029, 0.4175



47.8562, 0.2488, 0.3669



47.8562, 0.2257, 0.2412

Rectangle

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



47.8562, 0.3766, 0.2925



47.8562, 0.4280, 0.3651



47.8562, 0.2488, 0.3669



47.8562, 0.2096, 0.2763

Sweetspot

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



47.8585, 0.3766, 0.2925



80.7912, 0.3272, 0.3184



45.0718, 0.2870, 0.2224



16.8856, 0.3290, 0.3172



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.



47.8585, 0.3766, 0.2925



41.8083, 0.3954, 0.2857



51.1659, 0.4066, 0.3434



18.0921, 0.3239, 0.3207



11.5135, 0.5583, 0.2849



1.1408, 0.5268, 0.2676

Inverse Universe

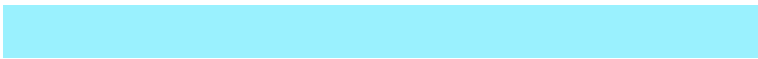
The Inverse Universe completely reimagines the original color for something new.



47.8585, 0.3766, 0.2925



41.8083, 0.3954, 0.2857



76.7424, 0.2558, 0.3137



18.0921, 0.3239, 0.3207



11.5135, 0.5583, 0.2849



1.1408, 0.5268, 0.2676

Previews

White Background



This preview shows how the Yxy color 47.8562, 0.3766, 0.2925 looks on a white background.

Color Contrast Check

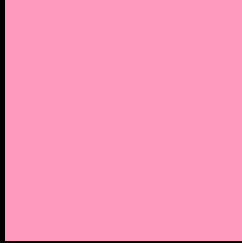
Large Text (above 18pt) WCAG AA × Fail

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 47.8562, 0.3766, 0.2925 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 47.8562, 0.3766, 0.2925

Background



This preview shows how black text looks on a background with the Yxy color 47.8562, 0.3766, 0.2925.

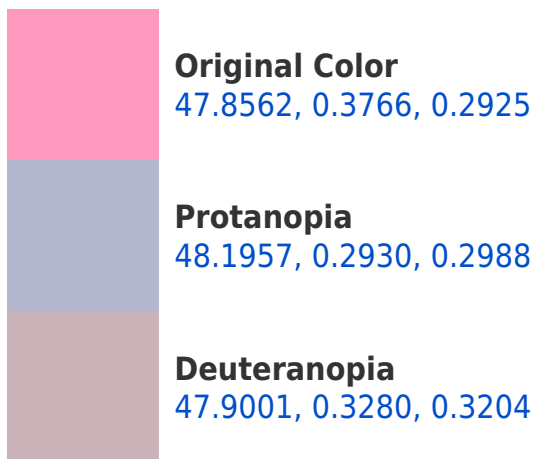


This preview shows how white text looks on a background with the Yxy color 47.8562, 0.3766, 0.2925.

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





Tritanopia

47.6740, 0.3941, 0.3165

Trichromacy



Original Color

47.8562, 0.3766, 0.2925



Protanomaly

47.0851, 0.3213, 0.2956



Deuteranomaly

47.2933, 0.3456, 0.3092



Tritanomaly

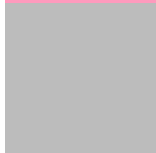
47.7942, 0.3882, 0.3080

Monochromacy



Original Color

47.8562, 0.3766, 0.2925



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.6786, 0.3346, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8562, 0.3766, 0.2925 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(254, 154, 189)` looks like.

```
.text, #text, p{  
    color:rgb(254, 154, 189)  
}
```

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(254, 154, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 154, 189) }
```

Border

The CSS property to change the border of an element to Yxy 47.8562, 0.3766, 0.2925 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(254, 154, 189) }
```

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

```
.border{ border-color:rgb(254, 154, 189) }
```

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

Here you see how a box with a 4 pixel rgb(254, 154, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 154, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 154, 189);  
box-shadow:4px 4px 4px 4px rgb(254, 154,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8562, 0.3766, 0.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 154, 189) }
```

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

```
.background{ background-color: rgb(254,  
154, 189) }
```

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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