

Converting Colors

$Yxy(47.9948, 0.3715, 0.2852)$

Have a look what the booklet for
Yxy(47.9948, 0.3715, 0.2852)
contains.

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Color

Yxy(47.9826, 0.3718, 0.2855)

Conversions

Conversions Part 1

Format	Color
Hex	FF99C3
RGB	255, 153, 195
RGB Percent	100%, 60%, 76%
CMY	0.0000, 0.4000, 0.2353
CMYK	0.00, 0.40, 0.24, 0.00
HSL	335°, 100%, 80%
HSV	335°, 40%, 100%
XYZ	62.4866, 47.9826, 57.5959
YIQ	188.2860, 47.3100, 34.6860

Conversions

Conversions Part 2

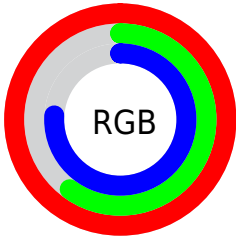
Format	Color
R _Y B	255, 153, 195
Decimal	16751043
CIE Lab	74.81, 43.32, -5.17
CIE LCh	75, 43.632, 353.191
Yxy	47.9826, 0.3718, 0.2855
Android (android.graphics.Color)	4294941123 (0xFFFF99C3)
YUV	188.2860, 3.3100, 58.5082
Hunter-Lab	69.2695, 39.7997, -0.8096

Details

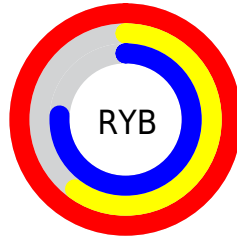
The Yxy color **47.9826, 0.3718, 0.2855** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.0959, 0.2771, 0.3781**, and the grayscale version is **50.4185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8892, 0.3169, 0.2869**, and **22.7732, 0.3880, 0.2750** is the 20% darker color. If you saturate the color by 10%, you get **39.8623, 0.3944, 0.2752**, and if you desaturate by 10%, it is **57.9514, 0.3526, 0.2966**.

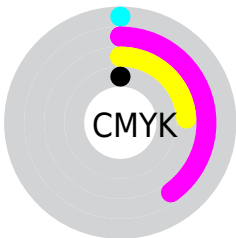
Distribution



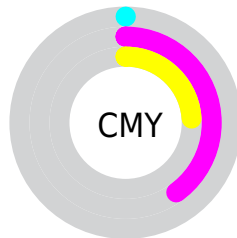
- Red (100%)
- Green (60%)
- Blue (76%)



- Red (100%)
- Yellow (60%)
- Blue (76%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9826, 0.3718, 0.2855 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 47.9826, 0.3718, 0.2855 by changing the saturation by 10% instead.


 47.9826, 0.3718,
0.2855

 47.9826, 0.3718,
0.2855


378.7232, 0.3427,
0.3066

 33.8131, 0.3789,
0.2804


 87.1785, 0.3613,
0.2930

 22.7501, 0.3879,
0.2741


 112.9737, 0.3574,
0.2959

 14.4091, 0.3998,
0.2658


143.4129, 0.3540,
0.2983

 8.4057, 0.4160,
0.2547

178.8805, 0.3511,
0.3004

 4.3556, 0.4394,
0.2388

219.7610, 0.3486,
0.3022

 1.8744, 0.4762,
0.2148

266.4386, 0.3464,

 0.5329, 0.5483,

0.3039

0.1632

319.2979, 0.3445,
0.3053

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.9826, 0.3718,
0.2855

47.9826, 0.3718,
0.2855

39.8623, 0.3944,
0.2752

57.9514, 0.3526,
0.2966

33.4784, 0.4205,
0.2667

69.8798, 0.3367,
0.3078

28.6994, 0.4494,
0.2613

83.8645, 0.3235,
0.3187

25.3765, 0.4798,
0.2602

99.9971, 0.3127,
0.3290

■ 23.3327, 0.5099,
0.2645

100.0000, 0.3127,
0.3290

■ 22.2799, 0.5378,
0.2736

Harmonies

Analogous

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



47.9826, 0.3103, 0.2526



47.9826, 0.3718, 0.2855



47.9826, 0.4187, 0.3287

Triad

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



47.9826, 0.3718, 0.2855



47.9826, 0.3645, 0.4388



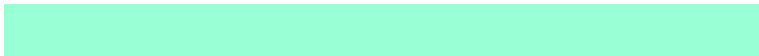
47.9826, 0.2052, 0.2656

Complementary

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



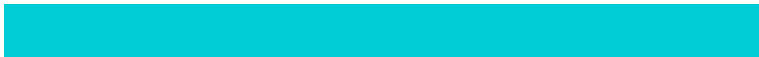
47.9826, 0.3718, 0.2855



83.0959, 0.2771, 0.3781

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.



47.9826, 0.2164, 0.3149



47.9826, 0.3718, 0.2855



47.9826, 0.3059, 0.4260

Square

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



47.9826, 0.3718, 0.2855



47.9826, 0.4118, 0.4165



47.9826, 0.2520, 0.3769



47.9826, 0.2185, 0.2393

Rectangle

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



47.9826, 0.3718, 0.2855



47.9826, 0.4324, 0.3599



47.9826, 0.2520, 0.3769



47.9826, 0.2062, 0.2797

Sweetspot

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



47.9811, 0.3718, 0.2855



80.9010, 0.3259, 0.3166



44.0723, 0.2824, 0.2193



16.9113, 0.3276, 0.3152



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.



47.9811, 0.3718, 0.2855



41.3446, 0.3896, 0.2771



49.2232, 0.4111, 0.3382



18.1111, 0.3229, 0.3193



11.6697, 0.5336, 0.2713



1.1573, 0.5039, 0.2549

Inverse Universe

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



47.9811, 0.3718, 0.2855



41.3446, 0.3896, 0.2771



80.2078, 0.2559, 0.3193



18.1111, 0.3229, 0.3193



11.6697, 0.5336, 0.2713



1.1573, 0.5039, 0.2549

Previews

White Background



This preview shows how the Yxy color 47.9826, 0.3718, 0.2855 looks on a white background.

Color Contrast Check

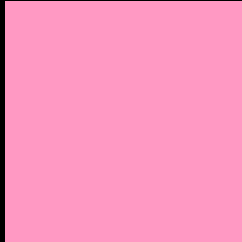
Large Text (above 18pt) WCAG AA × Fail

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 47.9826, 0.3718, 0.2855 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 47.9826, 0.3718, 0.2855

Background



This preview shows how black text looks on a background with the Yxy color 47.9826, 0.3718, 0.2855.

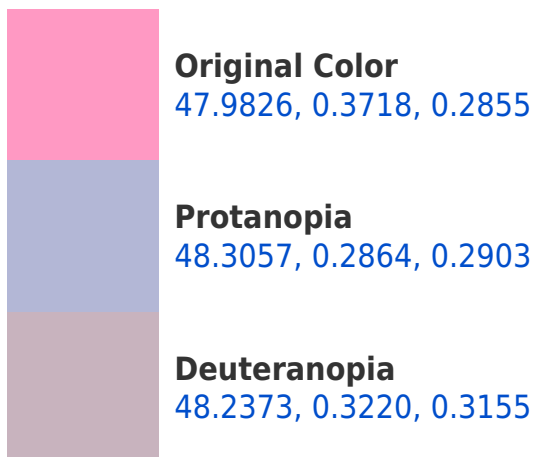


This preview shows how white text looks on a background with the Yxy color 47.9826, 0.3718, 0.2855.

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

48.0137, 0.3937, 0.3175

Trichromacy



Original Color

47.9826, 0.3718, 0.2855



Protanomaly

47.2754, 0.3147, 0.2875



Deuteranomaly

47.7709, 0.3392, 0.3034



Tritanomaly

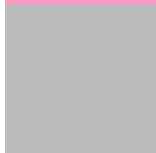
47.8739, 0.3862, 0.3059

Monochromacy



Original Color

47.9826, 0.3718, 0.2855



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.4186, 0.3322, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9826, 0.3718, 0.2855 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 195) }
```

Border

The CSS property to change the border of an element to Yxy 47.9826, 0.3718, 0.2855 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, 195) }
```

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

```
.border{ border-color:rgb(255, 153, 195) }
```

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, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9826, 0.3718, 0.2855 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
153, 195) }
```

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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