

Converting Colors

$Y_{xy}(47.8488, 0.3752, 0.2891)$

Have a look what the booklet for
Yxy(47.8488, 0.3752, 0.2891)
contains.

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Color

Yxy(47.8482, 0.3748, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	FF99C0
RGB	255, 153, 192
RGB Percent	100%, 60%, 75%
CMY	0.0000, 0.4001, 0.2470
CMYK	0.00, 0.40, 0.25, 0.00
HSL	337°, 100%, 80%
HSV	337°, 40%, 100%
XYZ	62.1612, 47.8482, 55.8422
YIQ	187.9440, 48.2730, 33.7530

Conversions

Conversions Part 2

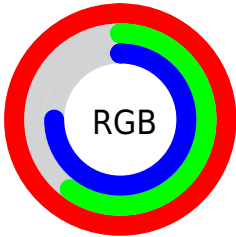
Format	Color
R_{YB}	255, 153, 192
Decimal	16751040
CIE _{Lab}	74.73, 42.93, -3.66
CIE _{LCh}	75, 43.089, 355.127
Yxy	47.8482, 0.3748, 0.2885
Android (android.graphics.Color)	4294941120 (0xFFFF99C0)
YUV	187.9440, 1.9996, 58.8081
Hunter-Lab	69.1724, 39.3559, 0.5564

Details

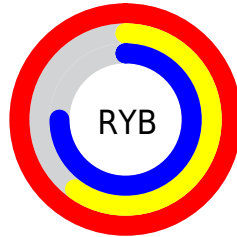
The Yxy color **47.8482, 0.3748, 0.2885** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.2451, 0.2757, 0.3745**, and the grayscale version is **50.2157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6382, 0.3196, 0.2906**, and **22.7142, 0.3909, 0.2776** is the 20% darker color. If you saturate the color by 10%, you get **39.7075, 0.3987, 0.2789**, and if you desaturate by 10%, it is **57.8325, 0.3546, 0.2989**.

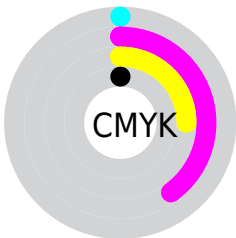
Distribution



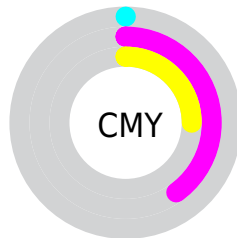
- Red (100%)
- Green (60%)
- Blue (75%)



- Red (100%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.8482, 0.3748, 0.2885 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 47.8482, 0.3748, 0.2885 by changing the saturation by 10% instead.

 47.8482, 0.3748,
0.2885


 47.8482, 0.3748,
0.2885


378.1901, 0.3441,
0.3083

 33.7067, 0.3823,
0.2837


 86.9783, 0.3638,
0.2956

 22.6684, 0.3919,
0.2777


 112.7358, 0.3596,
0.2982

 14.3488, 0.4045,
0.2698


143.1340, 0.3560,
0.3005

 8.3637, 0.4218,
0.2591

178.5573, 0.3530,
0.3025

 4.3285, 0.4468,
0.2439

219.3902, 0.3503,
0.3042

 1.8590, 0.4864,
0.2204

266.0170, 0.3480,

 0.5235, 0.5660,

0.3057

0.1684

318.8222, 0.3460,
0.3071

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.8482, 0.3748,
0.2885

47.8482, 0.3748,
0.2885

39.7075, 0.3987,
0.2789

57.8325, 0.3546,
0.2989

33.3150, 0.4263,
0.2711

69.7887, 0.3378,
0.3093

28.5329, 0.4570,
0.2664

83.8082, 0.3240,
0.3194

25.2121, 0.4893,
0.2659

99.9829, 0.3127,
0.3290

■ 23.1753, 0.5209,
0.2707

100.0000, 0.3127,
0.3290

■ 22.1343, 0.5497,
0.2802

Harmonies

Analogous

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



47.8482, 0.3143, 0.2551



47.8482, 0.3748, 0.2885



47.8482, 0.4195, 0.3318

Triad

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



47.8482, 0.3748, 0.2885



47.8482, 0.3605, 0.4379



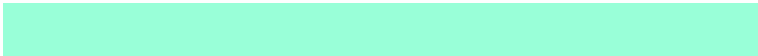
47.8482, 0.2064, 0.2640

Complementary

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



47.8482, 0.3748, 0.2885



83.2451, 0.2757, 0.3745

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.



47.8482, 0.2160, 0.3115



47.8482, 0.3748, 0.2885



47.8482, 0.3023, 0.4226

Square

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



47.8482, 0.3748, 0.2885



47.8482, 0.4084, 0.4178



47.8482, 0.2498, 0.3725



47.8482, 0.2212, 0.2394

Rectangle

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



47.8482, 0.3748, 0.2885



47.8482, 0.4315, 0.3627



47.8482, 0.2498, 0.3725



47.8482, 0.2068, 0.2774

Sweetspot

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



47.8411, 0.3748, 0.2885



80.8492, 0.3265, 0.3175



44.5764, 0.2851, 0.2202



16.8992, 0.3283, 0.3162



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.



47.8411, 0.3748, 0.2885



41.1986, 0.3936, 0.2807



50.4252, 0.4096, 0.3418



18.1021, 0.3234, 0.3199



11.5925, 0.5454, 0.2778



1.1493, 0.5147, 0.2609

Inverse Universe

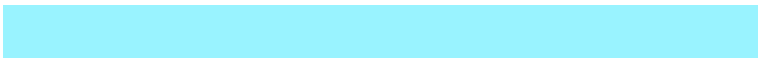
The Inverse Universe completely reimagines the original color for something new.



47.8411, 0.3748, 0.2885



41.1986, 0.3936, 0.2807



78.1491, 0.2553, 0.3154



18.1021, 0.3234, 0.3199



11.5925, 0.5454, 0.2778



1.1493, 0.5147, 0.2609

Previews

White Background



This preview shows how the Yxy color 47.8482, 0.3748, 0.2885 looks on a white background.

Color Contrast Check

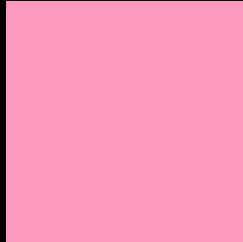
Large Text (above 18pt) WCAG AA × Fail

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 47.8482, 0.3748, 0.2885 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 47.8482, 0.3748, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 47.8482, 0.3748, 0.2885.



This preview shows how white text looks on a background with the Yxy color 47.8482, 0.3748, 0.2885.

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

47.8482, 0.3748, 0.2885

Protanopia

48.2734, 0.2893, 0.2939

Deuteranopia

48.2885, 0.3245, 0.3180



Tritanopia

47.8612, 0.3950, 0.3165

Trichromacy



Original Color

47.8482, 0.3748, 0.2885



Protanomaly

47.1301, 0.3171, 0.2909



Deuteranomaly

47.7957, 0.3428, 0.3069



Tritanomaly

48.0221, 0.3881, 0.3071

Monochromacy



Original Color

47.8482, 0.3748, 0.2885



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.3311, 0.3339, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8482, 0.3748, 0.2885 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 192) }
```

Border

The CSS property to change the border of an element to Yxy 47.8482, 0.3748, 0.2885 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, 192) }
```

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

```
.border{ border-color:rgb(255, 153, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8482, 0.3748, 0.2885 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
153, 192) }
```

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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