

Converting Colors

$Y_{xy}(45.0724, 0.3901, 0.2947)$

Have a look what the booklet for
Yxy(45.0724, 0.3901, 0.2947)
contains.

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Color

Yxy(45.0724, 0.3901, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	FF92B3
RGB	255, 146, 179
RGB Percent	100%, 57%, 70%
CMY	0.0000, 0.4275, 0.2980
CMYK	0.00, 0.43, 0.30, 0.00
HSL	342°, 100%, 79%
HSV	342°, 43%, 100%
XYZ	59.6632, 45.0724, 48.2077
YIQ	182.3530, 54.3710, 33.3710

Conversions

Conversions Part 2

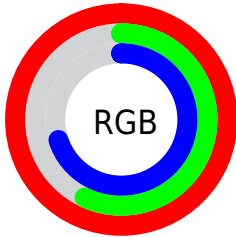
Format	Color
R _{YB}	255, 146, 179
Decimal	16749235
CIE Lab	72.94, 44.75, 0.91
CIE LCh	73, 44.763, 1.165
Yxy	45.0724, 0.3901, 0.2947
Android (android.graphics.Color)	4294939315 (0xFFFF92B3)
YUV	182.3530, -1.6530, 63.7114
Hunter-Lab	67.1360, 41.1435, 4.4213

Details

The Yxy color **45.0724, 0.3901, 0.2947** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.9029, 0.2695, 0.3675**, and the grayscale version is **46.9648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4992, 0.3295, 0.2960**, and **21.0708, 0.4130, 0.2858** is the 20% darker color. If you saturate the color by 10%, you get **37.3926, 0.4189, 0.2876**, and if you desaturate by 10%, it is **54.5927, 0.3658, 0.3028**.

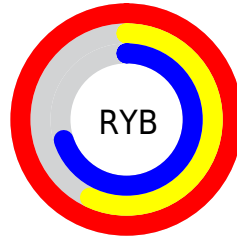
Distribution



Red (100%)

Green (57%)

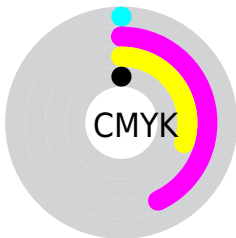
Blue (70%)



Red (100%)

Yellow (57%)

Blue (70%)

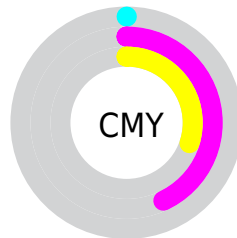


Cyan (0%)

Magenta (43%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (43%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0724, 0.3901, 0.2947 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 45.0724, 0.3901, 0.2947 by changing the saturation by 10% instead.


 45.0724, 0.3901,
0.2947

 45.0724, 0.3901,
0.2947


367.0667, 0.3512,
0.3120

 31.5145, 0.3998,
0.2903


 82.8290, 0.3760,
0.3010

 20.9909, 0.4123,
0.2847

 107.7965, 0.3707,
0.3034

 13.1174, 0.4288,
0.2773


137.3360, 0.3662,
0.3054

 7.5094, 0.4518,
0.2669

171.8318, 0.3623,
0.3071

 3.7827, 0.4857,
0.2515

211.6684, 0.3590,
0.3086

 1.5527, 0.5401,
0.2265

257.2302, 0.3561,

 0.3254, 0.7136,

0.3099

0.1513

308.9015, 0.3535,
0.3110

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.0724, 0.3901,
0.2947

45.0724, 0.3901,
0.2947

37.3926, 0.4189,
0.2876

54.5927, 0.3658,
0.3028

31.4397, 0.4519,
0.2824

66.0717, 0.3457,
0.3111

27.0749, 0.4881,
0.2803

79.6086, 0.3293,
0.3193

24.1413, 0.5248,
0.2826

95.2979, 0.3159,
0.3270

■ 22.4491, 0.5588,
0.2896

100.0000, 0.3127,
0.3290

■ 21.7992, 0.5801,
0.2969

Harmonies

Analogous

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



45.0724, 0.3273, 0.2571



45.0724, 0.3901, 0.2947



45.0724, 0.4315, 0.3412

Triad

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



45.0724, 0.3901, 0.2947



45.0724, 0.3507, 0.4448



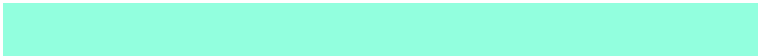
45.0724, 0.2020, 0.2529

Complementary

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



45.0724, 0.3901, 0.2947



82.9029, 0.2695, 0.3675

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.



45.0724, 0.2067, 0.2982



45.0724, 0.3901, 0.2947



45.0724, 0.2891, 0.4205

Square

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



45.0724, 0.3901, 0.2947



45.0724, 0.4050, 0.4291



45.0724, 0.2370, 0.3619



45.0724, 0.2224, 0.2323

Rectangle

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



45.0724, 0.3901, 0.2947



45.0724, 0.4389, 0.3735



45.0724, 0.2370, 0.3619



45.0724, 0.2007, 0.2653

Sweetspot

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



45.0697, 0.3901, 0.2947



79.2429, 0.3297, 0.3191



43.0654, 0.2886, 0.2143



16.2853, 0.3330, 0.3173



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.



45.0697, 0.3901, 0.2947



38.6073, 0.4135, 0.2887



50.5984, 0.4158, 0.3503



18.0776, 0.3246, 0.3218



11.4136, 0.5758, 0.2946



1.1297, 0.5438, 0.2769

Inverse Universe

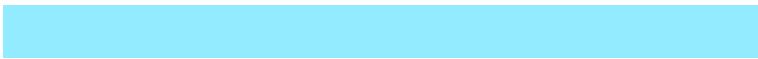
The Inverse Universe completely reimagines the original color for something new.



45.0697, 0.3901, 0.2947



38.6073, 0.4135, 0.2887



72.7552, 0.2506, 0.3058



18.0776, 0.3246, 0.3218



11.4136, 0.5758, 0.2946



1.1297, 0.5438, 0.2769

Previews

White Background



This preview shows how the Yxy color 45.0724, 0.3901, 0.2947 looks on a white background.

Color Contrast Check

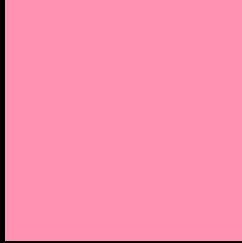
Large Text (above 18pt) WCAG AA × Fail

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 45.0724, 0.3901, 0.2947 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 45.0724, 0.3901, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 45.0724, 0.3901, 0.2947.

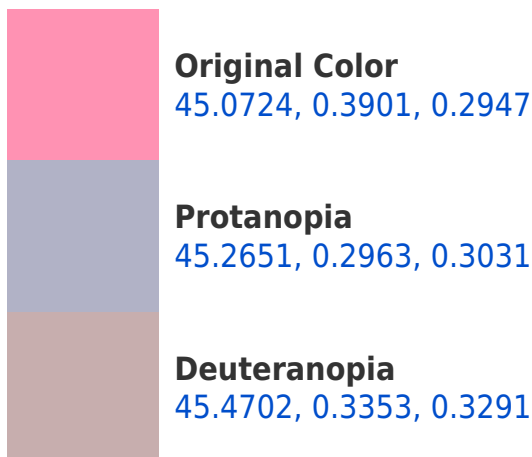


This preview shows how white text looks on a background with the Yxy color 45.0724, 0.3901, 0.2947.

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

44.9156, 0.4073, 0.3176

Trichromacy



Original Color

45.0724, 0.3901, 0.2947



Protanomaly

44.0132, 0.3270, 0.2984



Deuteranomaly

44.7456, 0.3541, 0.3148



Tritanomaly

45.0407, 0.4012, 0.3092

Monochromacy



Original Color

45.0724, 0.3901, 0.2947



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

45.2674, 0.3391, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0724, 0.3901, 0.2947 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, 146, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 179)  
}
```

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, 146, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 179) }
```

Border

The CSS property to change the border of an element to Yxy 45.0724, 0.3901, 0.2947 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, 146, 179) }
```

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

```
.border{ border-color:rgb(255, 146, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0724, 0.3901, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 179) }
```

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

```
.background{ background-color: rgb(255,  
146, 179) }
```

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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