

Converting Colors

$Y_{xy}(47.6430, 0.3920, 0.2913)$

Have a look what the booklet for
Yxy(47.6430, 0.3920, 0.2913)
contains.

Yxy(45.9426, 0.3832, 0.2906)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.9426, 0.3832, 0.2906)

Conversions

Conversions Part 1

Format	Color
Hex	FF94B9
RGB	255, 148, 185
RGB Percent	100%, 58%, 73%
CMY	0.0001, 0.4195, 0.2745
CMYK	0.00, 0.42, 0.27, 0.00
HSL	339°, 100%, 79%
HSV	339°, 42%, 100%
XYZ	60.5823, 45.9426, 51.5708
YIQ	184.2110, 51.8950, 34.1910

Conversions

Conversions Part 2

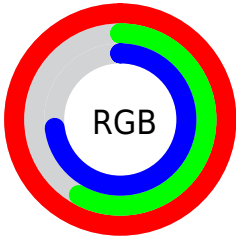
Format	Color
R _{YB}	255, 148, 185
Decimal	16749753
CIE _{Lab}	73.51, 44.49, -1.57
CIE _{LCh}	74, 44.517, 357.973
Yxy	45.9426, 0.3832, 0.2906
Android (android.graphics.Color)	4294939833 (0xFFFF94B9)
YUV	184.2110, 0.3890, 62.0820
Hunter-Lab	67.7810, 40.9256, 2.3362

Details

The Yxy color **45.9426, 0.3832, 0.2906** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.8702, 0.2723, 0.3722**, and the grayscale version is **48.0337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7966, 0.3249, 0.2923**, and **21.5861, 0.4030, 0.2805** is the 20% darker color. If you saturate the color by 10%, you get **38.1426, 0.4096, 0.2822**, and if you desaturate by 10%, it is **55.5914, 0.3609, 0.2999**.

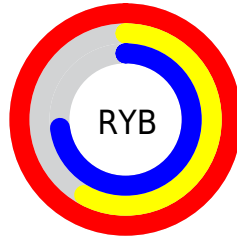
Distribution



Red (100%)

Green (58%)

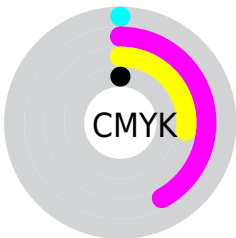
Blue (73%)



Red (100%)

Yellow (58%)

Blue (73%)

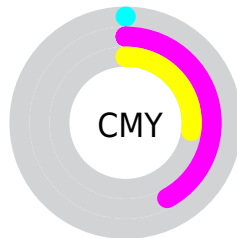


Cyan (0%)

Magenta (42%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (42%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.9426, 0.3832, 0.2906 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 45.9426, 0.3832, 0.2906 by changing the saturation by 10% instead.


 45.9426, 0.3832,
0.2906


 45.9426, 0.3832,
0.2906

370.5778, 0.3480,
0.3096

 32.2005, 0.3919,
0.2859


 84.1331, 0.3705,
0.2975

 21.5147, 0.4031,
0.2799

 109.3503, 0.3657,
0.3001

 13.5008, 0.4178,
0.2721


139.1613, 0.3616,
0.3023

 7.7743, 0.4382,
0.2613


173.9506, 0.3581,
0.3042

 3.9508, 0.4682,
0.2455

214.1025, 0.3551,
0.3058

 1.6461, 0.5159,
0.2207

260.0014, 0.3525,

 0.3884, 0.6369,

0.3072

0.1530

312.0317, 0.3501,
0.3085

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.9426, 0.3832,
0.2906

45.9426, 0.3832,
0.2906

38.1426, 0.4096,
0.2822

55.5914, 0.3609,
0.2999

32.0650, 0.4400,
0.2758

67.1913, 0.3424,
0.3094

27.5779, 0.4734,
0.2726

80.8451, 0.3272,
0.3186

24.5272, 0.5079,
0.2738

96.6463, 0.3148,
0.3274

■ 22.7271, 0.5407,
0.2801

99.9972, 0.3127,
0.3290

■ 21.9642, 0.5643,
0.2882

Harmonies

Analogous

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



45.9426, 0.3203, 0.2547



45.9426, 0.3832, 0.2906



45.9426, 0.4274, 0.3361

Triad

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



45.9426, 0.3832, 0.2906



45.9426, 0.3567, 0.4435



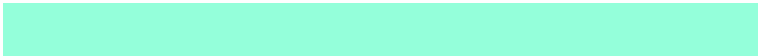
45.9426, 0.2024, 0.2574

Complementary

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



45.9426, 0.3832, 0.2906



82.8702, 0.2723, 0.3722

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.



45.9426, 0.2098, 0.3047



45.9426, 0.3832, 0.2906



45.9426, 0.2958, 0.4238

Square

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



45.9426, 0.3832, 0.2906



45.9426, 0.4086, 0.4247



45.9426, 0.2425, 0.3685



45.9426, 0.2200, 0.2344

Rectangle

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



45.9426, 0.3832, 0.2906



45.9426, 0.4374, 0.3681



45.9426, 0.2425, 0.3685



45.9426, 0.2020, 0.2705

Sweetspot

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



45.9448, 0.3832, 0.2906



79.3238, 0.3287, 0.3177



43.2396, 0.2863, 0.2156



16.3051, 0.3318, 0.3157



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.



45.9448, 0.3832, 0.2906



39.5305, 0.4041, 0.2838



49.9689, 0.4147, 0.3462



18.0907, 0.3240, 0.3208



11.5035, 0.5600, 0.2858



1.1397, 0.5284, 0.2684

Inverse Universe

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



45.9448, 0.3832, 0.2906



39.5305, 0.4041, 0.2838



75.2143, 0.2523, 0.3105



18.0907, 0.3240, 0.3208



11.5035, 0.5600, 0.2858



1.1397, 0.5284, 0.2684

Previews

White Background



This preview shows how the Yxy color 45.9426, 0.3832, 0.2906 looks on a white background.

Color Contrast Check

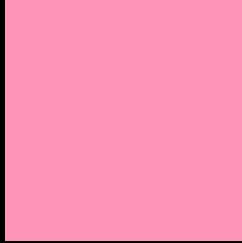
Large Text (above 18pt) WCAG AA × Fail

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 45.9426, 0.3832, 0.2906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

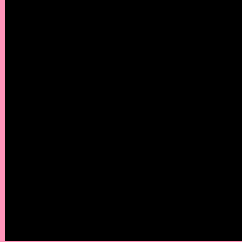
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.9426, 0.3832, 0.2906

Background



This preview shows how black text looks on a background with the Yxy color 45.9426, 0.3832, 0.2906.



This preview shows how white text looks on a background with the Yxy color 45.9426, 0.3832, 0.2906.

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

45.9426, 0.3832, 0.2906

Protanopia

46.3493, 0.2919, 0.2983

Deuteranopia

46.0973, 0.3300, 0.3228



Tritanopia

45.9835, 0.4030, 0.3176

Trichromacy



Original Color

45.9426, 0.3832, 0.2906



Protanomaly

45.0156, 0.3215, 0.2939



Deuteranomaly

45.3477, 0.3482, 0.3090



Tritanomaly

46.1443, 0.3959, 0.3082

Monochromacy



Original Color

45.9426, 0.3832, 0.2906



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

46.2881, 0.3370, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9426, 0.3832, 0.2906 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, 148, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 185)  
}
```

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, 148, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 185) }
```

Border

The CSS property to change the border of an element to Yxy 45.9426, 0.3832, 0.2906 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, 148, 185) }
```

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

```
.border{ border-color:rgb(255, 148, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9426, 0.3832, 0.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 185) }
```

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

```
.background{ background-color: rgb(255,  
148, 185) }
```

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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