

Converting Colors

$Y_{xy}(43.0205, 0.3911, 0.2866)$

Have a look what the booklet for
Yxy(43.0205, 0.3911, 0.2866)
contains.

Yxy(43.0205, 0.3911, 0.2866)	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(43.0205, 0.3911, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	FF8BB4
RGB	255, 139, 180
RGB Percent	100%, 55%, 71%
CMY	0.0000, 0.4548, 0.2942
CMYK	0.00, 0.45, 0.29, 0.00
HSL	339°, 100%, 77%
HSV	339°, 45%, 100%
XYZ	58.7066, 43.0205, 48.3793
YIQ	178.3580, 55.9750, 37.3430

Conversions

Conversions Part 2

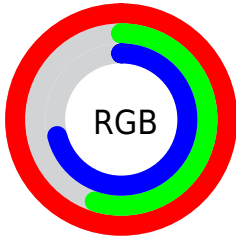
Format	Color
R_{YB}	255, 139, 180
Decimal	16747444
CIE _{Lab}	71.57, 48.36, -1.63
CIE _{LCh}	72, 48.389, 358.065
Yxy	43.0205, 0.3911, 0.2866
Android (android.graphics.Color)	4294937524 (0xFFFF8BB4)
YUV	178.3580, 0.8095, 67.2150
Hunter-Lab	65.5900, 44.9847, 2.1806

Details

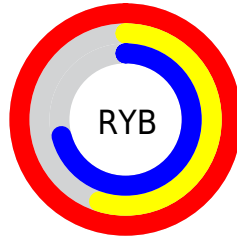
The Yxy color **43.0205, 0.3911, 0.2866** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81.8607, 0.2701, 0.3777**, and the grayscale version is **44.6954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3463, 0.3294, 0.2880**, and **19.7651, 0.4149, 0.2748** is the 20% darker color. If you saturate the color by 10%, you get **35.8461, 0.4186, 0.2786**, and if you desaturate by 10%, it is **52.0010, 0.3677, 0.2959**.

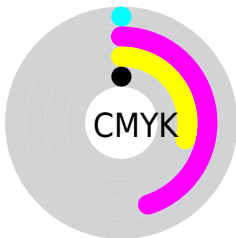
Distribution



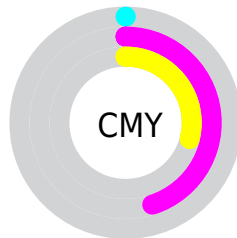
- Red (100%)
- Green (55%)
- Blue (71%)



- Red (100%)
- Yellow (55%)
- Blue (71%)



- Cyan (0%)
- Magenta (45%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0205, 0.3911, 0.2866 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 43.0205, 0.3911, 0.2866 by changing the saturation by 10% instead.


 43.0205, 0.3911,
0.2866


 43.0205, 0.3911,
0.2866


358.6961, 0.3516,
0.3078


 29.9012, 0.4010,
0.2813


 79.7418, 0.3767,
0.2943

 19.7636, 0.4137,
0.2746


 104.1126, 0.3713,
0.2972

 12.2233, 0.4307,
0.2656


 133.0026, 0.3668,
0.2996

 6.8960, 0.4543,
0.2532

166.7964, 0.3629,
0.3018

 3.3971, 0.4892,
0.2350

205.8782, 0.3595,
0.3036

 1.3424, 0.5456,
0.2061

250.6325, 0.3565,

 0.1737, 0.7528,

0.3052

0.0900

301.4437, 0.3539,
0.3066

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.0205, 0.3911,
0.2866

43.0205, 0.3911,
0.2866

35.8461, 0.4186,
0.2786

52.0010, 0.3677,
0.2959

30.3471, 0.4497,
0.2730

62.8936, 0.3481,
0.3055

26.3855, 0.4833,
0.2710

75.8036, 0.3320,
0.3151

23.7978, 0.5172,
0.2739

90.8268, 0.3189,
0.3242

■ 22.3825, 0.5485,
0.2819

99.9982, 0.3127,
0.3290

■ 21.9976, 0.5614,
0.2866

Harmonies

Analogous

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



43.0205, 0.3209, 0.2477



43.0205, 0.3911, 0.2866



43.0205, 0.4402, 0.3358

Triad

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



43.0205, 0.3911, 0.2866



43.0205, 0.3601, 0.4566



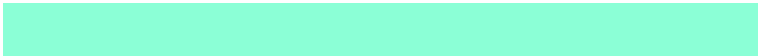
43.0205, 0.1920, 0.2493

Complementary

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



43.0205, 0.3911, 0.2866



81.8607, 0.2701, 0.3777

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.



43.0205, 0.1996, 0.3010



43.0205, 0.3911, 0.2866



43.0205, 0.2930, 0.4355

Square

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



43.0205, 0.3911, 0.2866



43.0205, 0.4178, 0.4339



43.0205, 0.2347, 0.3726



43.0205, 0.2111, 0.2250

Rectangle

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



43.0205, 0.3911, 0.2866



43.0205, 0.4509, 0.3707



43.0205, 0.2347, 0.3726



43.0205, 0.1915, 0.2635

Sweetspot

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



43.0226, 0.3911, 0.2866



77.9008, 0.3299, 0.3165



39.7558, 0.2817, 0.2052



16.0257, 0.3330, 0.3145



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.



43.0226, 0.3911, 0.2866



36.1554, 0.4172, 0.2789



46.3925, 0.4285, 0.3455



18.0931, 0.3238, 0.3206



11.5208, 0.5571, 0.2842



1.1416, 0.5256, 0.2669

Inverse Universe

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



43.0226, 0.3911, 0.2866



36.1554, 0.4172, 0.2789



74.7520, 0.2485, 0.3110



18.0931, 0.3238, 0.3206



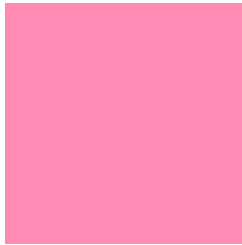
11.5208, 0.5571, 0.2842



1.1416, 0.5256, 0.2669

Previews

White Background



This preview shows how the Yxy color 43.0205, 0.3911, 0.2866 looks on a white background.

Color Contrast Check

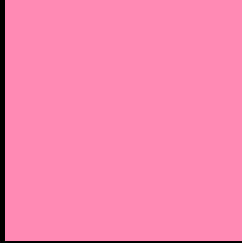
Large Text (above 18pt) WCAG AA × Fail

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 43.0205, 0.3911, 0.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

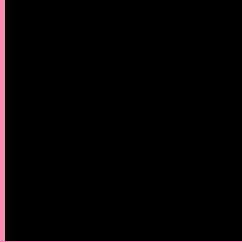
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0205, 0.3911, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 43.0205, 0.3911, 0.2866.



This preview shows how white text looks on a background with the Yxy color 43.0205, 0.3911, 0.2866.

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

43.0205, 0.3911, 0.2866

Protanopia

43.1943, 0.2883, 0.2923

Deuteranopia

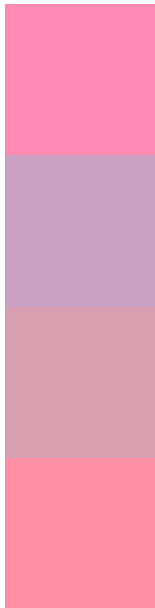
43.1821, 0.3295, 0.3226



Tritanopia

43.1623, 0.4159, 0.3187

Trichromacy



Original Color

43.0205, 0.3911, 0.2866

Protanomaly

41.9413, 0.3220, 0.2884

Deuteranomaly

42.5695, 0.3514, 0.3074

Tritanomaly

43.0612, 0.4078, 0.3072

Monochromacy



Original Color

43.0205, 0.3911, 0.2866

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

42.9274, 0.3390, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0205, 0.3911, 0.2866 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, 139, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 180)  
}
```

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, 139, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 180) }
```

Border

The CSS property to change the border of an element to Yxy 43.0205, 0.3911, 0.2866 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, 139, 180) }
```

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

```
.border{ border-color:rgb(255, 139, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 139, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0205, 0.3911, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 180) }
```

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

```
.background{ background-color: rgb(255,  
139, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor