

Converting Colors

$Y_{xy}(41.0107, 0.3989, 0.2856)$

Have a look what the booklet for
Yxy(41.0107, 0.3989, 0.2856)
contains.

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Color

Yxy(41.1302, 0.3985, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	FF85AF
RGB	255, 133, 175
RGB Percent	100%, 52%, 69%
CMY	0.0000, 0.4784, 0.3138
CMYK	0.00, 0.48, 0.31, 0.00
HSL	339°, 100%, 76%
HSV	339°, 48%, 100%
XYZ	57.3692, 41.1302, 45.4635
YIQ	174.2660, 59.2300, 38.9260

Conversions

Conversions Part 2

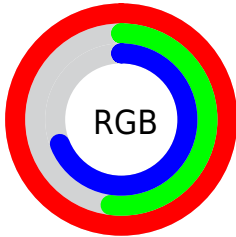
Format	Color
R _{YB}	255, 133, 175
Decimal	16745903
CIE _{Lab}	70.27, 50.71, -0.75
CIE _{LCh}	70, 50.720, 359.154
Yxy	41.1302, 0.3985, 0.2857
Android (android.graphics.Color)	4294935983 (0xFFFF85AF)
YUV	174.2660, 0.3619, 70.8037
Hunter-Lab	64.1328, 47.4425, 2.8626

Details

The Yxy color **41.1302, 0.3985, 0.2857** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81.3110, 0.2680, 0.3793**, and the grayscale version is **42.4436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3684, 0.3346, 0.2876**, and **18.6241, 0.4227, 0.2726** is the 20% darker color. If you saturate the color by 10%, you get **34.3568, 0.4274, 0.2784**, and if you desaturate by 10%, it is **49.6763, 0.3737, 0.2945**.

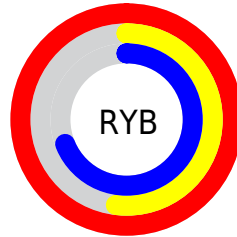
Distribution



Red (100%)

Green (52%)

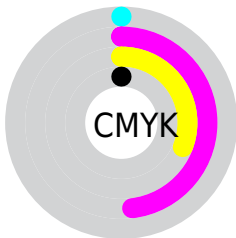
Blue (69%)



Red (100%)

Yellow (52%)

Blue (69%)

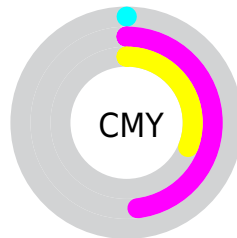


Cyan (0%)

Magenta (48%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1302, 0.3985, 0.2857 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 41.1302, 0.3985, 0.2857 by changing the saturation by 10% instead.


 41.1302, 0.3985,
0.2857

 41.1302, 0.3985,
0.2857


350.8645, 0.3549,
0.3076

 28.4208, 0.4095,
0.2802


 76.8815, 0.3825,
0.2937

 18.6431, 0.4238,
0.2731


 100.6922, 0.3766,
0.2967

 11.4127, 0.4428,
0.2636


 128.9722, 0.3716,
0.2992

 6.3451, 0.4694,
0.2503

162.1058, 0.3673,
0.3014

 3.0561, 0.5092,
0.2306

200.4774, 0.3636,
0.3033

 1.1611, 0.5737,
0.1988

244.4715, 0.3603,

 0.0296, 0.9216,

0.3049

0.0203

294.4724, 0.3575,
0.3063

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.1302, 0.3985,
0.2857

41.1302, 0.3985,
0.2857

34.3568, 0.4274,
0.2784

49.6763, 0.3737,
0.2945

29.2331, 0.4598,
0.2737

60.1149, 0.3530,
0.3039

25.6125, 0.4942,
0.2730

72.5497, 0.3359,
0.3133

23.3243, 0.5282,
0.2772

87.0783, 0.3219,
0.3223

■ 22.1409, 0.5588,
0.2864

100.0000, 0.3127,
0.3290

■ 21.9605, 0.5649,
0.2886

Harmonies

Analogous

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



41.1302, 0.3239, 0.2445



41.1302, 0.3985, 0.2857



41.1302, 0.4495, 0.3374

Triad

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



41.1302, 0.3985, 0.2857



41.1302, 0.3596, 0.4651



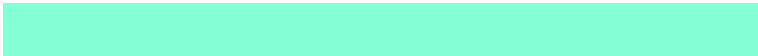
41.1302, 0.1857, 0.2429

Complementary

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



41.1302, 0.3985, 0.2857



81.3110, 0.2680, 0.3793

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.



41.1302, 0.1924, 0.2962



41.1302, 0.3985, 0.2857



41.1302, 0.2887, 0.4413

Square

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



41.1302, 0.3985, 0.2857



41.1302, 0.4216, 0.4409



41.1302, 0.2280, 0.3725



41.1302, 0.2067, 0.2188

Rectangle

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



41.1302, 0.3985, 0.2857



41.1302, 0.4595, 0.3741



41.1302, 0.2280, 0.3725



41.1302, 0.1848, 0.2574

Sweetspot

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



41.1286, 0.3985, 0.2857



77.8824, 0.3301, 0.3168



38.0356, 0.2813, 0.1993



16.0212, 0.3333, 0.3148



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.



41.1286, 0.3985, 0.2857



34.8630, 0.4248, 0.2789



45.1823, 0.4363, 0.3484



18.0903, 0.3240, 0.3208



11.5000, 0.5606, 0.2862



1.1393, 0.5289, 0.2687

Inverse Universe

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



41.1286, 0.3985, 0.2857



34.8630, 0.4248, 0.2789



72.6008, 0.2453, 0.3075



18.0903, 0.3240, 0.3208



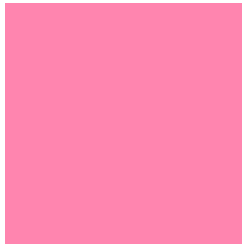
11.5000, 0.5606, 0.2862



1.1393, 0.5289, 0.2687

Previews

White Background



This preview shows how the Yxy color 41.1302, 0.3985, 0.2857 looks on a white background.

Color Contrast Check

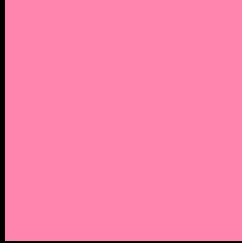
Large Text (above 18pt) WCAG AA × Fail

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 41.1302, 0.3985, 0.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

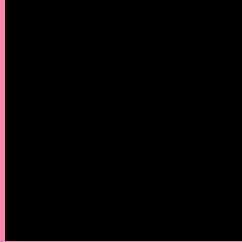
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1302, 0.3985, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 41.1302, 0.3985, 0.2857.



This preview shows how white text looks on a background with the Yxy color 41.1302, 0.3985, 0.2857.

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

41.1302, 0.3985, 0.2857

Protanopia

41.5279, 0.2886, 0.2930

Deuteranopia

41.4492, 0.3325, 0.3264



Tritanopia

41.1977, 0.4252, 0.3188

Trichromacy



Original Color

41.1302, 0.3985, 0.2857

Protanomaly

40.1110, 0.3241, 0.2878

Deuteranomaly

40.6791, 0.3562, 0.3096

Tritanomaly

41.1478, 0.4157, 0.3063

Monochromacy



Original Color

41.1302, 0.3985, 0.2857

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

40.5488, 0.3417, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1302, 0.3985, 0.2857 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, 133, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 175)  
}
```

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, 133, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 175) }
```

Border

The CSS property to change the border of an element to Yxy 41.1302, 0.3985, 0.2857 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, 133, 175) }
```

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

```
.border{ border-color:rgb(255, 133, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1302, 0.3985, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 175) }
```

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

```
.background{ background-color: rgb(255,  
133, 175) }
```

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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