

Converting Colors

$Y_{xy}(44.0566, 0.3922, 0.2926)$

Have a look what the booklet for
Yxy(44.0566, 0.3922, 0.2926)
contains.

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Color

Yxy(44.1193, 0.3921, 0.2927)

Conversions

Conversions Part 1

Format	Color
Hex	FF8FB2
RGB	255, 143, 178
RGB Percent	100%, 56%, 70%
CMY	0.0000, 0.4392, 0.3020
CMYK	0.00, 0.44, 0.30, 0.00
HSL	341°, 100%, 78%
HSV	341°, 44%, 100%
XYZ	59.1021, 44.1193, 47.5108
YIQ	180.4780, 55.5170, 34.6290

Conversions

Conversions Part 2

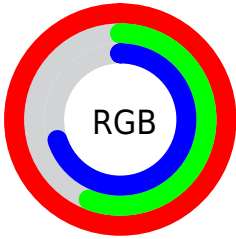
Format	Color
R _Y B	255, 143, 178
Decimal	16748466
CIE Lab	72.31, 46.13, 0.56
CIE LCh	72, 46.132, 0.695
Yxy	44.1193, 0.3921, 0.2927
Android (android.graphics.Color)	4294938546 (0xFFFF8FB2)
YUV	180.4780, -1.2217, 65.3558
Hunter-Lab	66.4224, 42.5887, 4.0865

Details

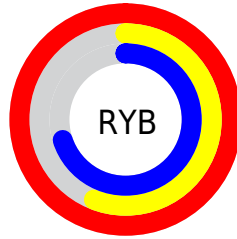
The Yxy color **44.1193, 0.3921, 0.2927** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.5275, 0.2691, 0.3700**, and the grayscale version is **45.8937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0474, 0.3305, 0.2939**, and **20.5288, 0.4159, 0.2834** is the 20% darker color. If you saturate the color by 10%, you get **36.6526, 0.4209, 0.2855**, and if you desaturate by 10%, it is **53.4129, 0.3676, 0.3010**.

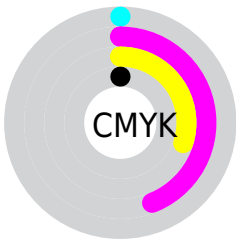
Distribution



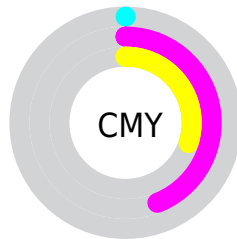
- Red (100%)
- Green (56%)
- Blue (70%)



- Red (100%)
- Yellow (56%)
- Blue (70%)



- Cyan (0%)
- Magenta (44%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1193, 0.3921, 0.2927 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 44.1193, 0.3921, 0.2927 by changing the saturation by 10% instead.


 44.1193, 0.3921,
0.2927


 44.1193, 0.3921,
0.2927

363.1949, 0.3521,
0.3110

 30.7643, 0.4021,
0.2881


 81.3972, 0.3775,
0.2994

 20.4194, 0.4150,
0.2821


 106.0890, 0.3721,
0.3019

 12.7003, 0.4321,
0.2742

135.3284, 0.3675,
0.3040

 7.2225, 0.4560,
0.2632

169.4999, 0.3635,
0.3058

 3.6016, 0.4912,
0.2468

208.9879, 0.3601,
0.3074

 1.4533, 0.5480,
0.2203

254.1768, 0.3571,

 0.2555, 0.7503,

0.3088

0.1290

305.4510, 0.3545,
0.3100

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.1193, 0.3921,
0.2927

44.1193, 0.3921,
0.2927

36.6526, 0.4209,
0.2855

53.4129, 0.3676,
0.3010

30.8944, 0.4539,
0.2804

64.6492, 0.3474,
0.3096

26.7052, 0.4897,
0.2786

77.9292, 0.3308,
0.3180

23.9251, 0.5259,
0.2813

93.3482, 0.3173,
0.3260

■ 22.3593, 0.5590,
0.2888

100.0000, 0.3127,
0.3290

■ 21.8341, 0.5767,
0.2951

Harmonies

Analogous

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



44.1193, 0.3266, 0.2542



44.1193, 0.3921, 0.2927



44.1193, 0.4357, 0.3404

Triad

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



44.1193, 0.3921, 0.2927



44.1193, 0.3527, 0.4494



44.1193, 0.1982, 0.2506

Complementary

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



44.1193, 0.3921, 0.2927



82.5275, 0.2691, 0.3700

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.



44.1193, 0.2034, 0.2977



44.1193, 0.3921, 0.2927



44.1193, 0.2890, 0.4251

Square

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



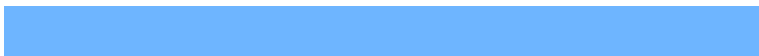
44.1193, 0.3921, 0.2927



44.1193, 0.4088, 0.4320



44.1193, 0.2349, 0.3642



44.1193, 0.2188, 0.2292

Rectangle

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



44.1193, 0.3921, 0.2927



44.1193, 0.4436, 0.3738



44.1193, 0.2349, 0.3642



44.1193, 0.1970, 0.2634

Sweetspot

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



44.1178, 0.3921, 0.2927



79.2607, 0.3294, 0.3188



42.0070, 0.2877, 0.2111



16.2897, 0.3327, 0.3169



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.



44.1178, 0.3921, 0.2927



37.2679, 0.4181, 0.2861



49.6266, 0.4199, 0.3508



18.0805, 0.3245, 0.3216



11.4323, 0.5724, 0.2927



1.1318, 0.5404, 0.2751

Inverse Universe

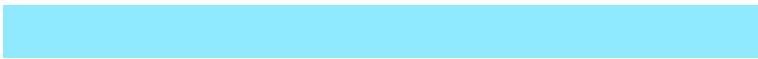
The Inverse Universe completely reimagines the original color for something new.



44.1178, 0.3921, 0.2927



37.2679, 0.4181, 0.2861



72.1709, 0.2492, 0.3051



18.0805, 0.3245, 0.3216



11.4323, 0.5724, 0.2927



1.1318, 0.5404, 0.2751

Previews

White Background



This preview shows how the Yxy color 44.1193, 0.3921, 0.2927 looks on a white background.

Color Contrast Check

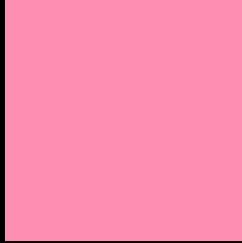
Large Text (above 18pt) WCAG AA × Fail

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 44.1193, 0.3921, 0.2927 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 44.1193, 0.3921, 0.2927

Background



This preview shows how black text looks on a background with the Yxy color 44.1193, 0.3921, 0.2927.



This preview shows how white text looks on a background with the Yxy color 44.1193, 0.3921, 0.2927.

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

44.1193, 0.3921, 0.2927

Protanopia

44.2418, 0.2946, 0.3003

Deuteranopia

44.3925, 0.3347, 0.3278



Tritanopia

44.1844, 0.4114, 0.3187

Trichromacy



Original Color

44.1193, 0.3921, 0.2927



Protanomaly

43.1499, 0.3263, 0.2959



Deuteranomaly

43.4903, 0.3548, 0.3124



Tritanomaly

44.3452, 0.4041, 0.3093

Monochromacy



Original Color

44.1193, 0.3921, 0.2927



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

44.1575, 0.3394, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1193, 0.3921, 0.2927 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, 143, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 178)  
}
```

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, 143, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 178) }
```

Border

The CSS property to change the border of an element to Yxy 44.1193, 0.3921, 0.2927 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, 143, 178) }
```

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

```
.border{ border-color:rgb(255, 143, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1193, 0.3921, 0.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 178) }
```

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

```
.background{ background-color: rgb(255,  
143, 178) }
```

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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