

Converting Colors

$Yxy(44.0261, 0.3969, 0.2903)$

Have a look what the booklet for
Yxy(44.0261, 0.3969, 0.2903)
contains.

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Color

Yxy(43.2305, 0.3930, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	FF8CB2
RGB	255, 140, 178
RGB Percent	100%, 55%, 70%
CMY	0.0000, 0.4511, 0.3019
CMYK	0.00, 0.45, 0.30, 0.00
HSL	340°, 100%, 77%
HSV	340°, 45%, 100%
XYZ	58.6657, 43.2305, 47.3804
YIQ	178.7170, 56.3420, 36.1980

Conversions

Conversions Part 2

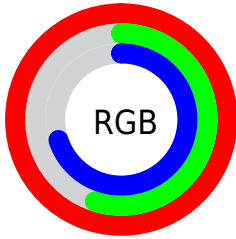
Format	Color
RYB	255, 140, 178
Decimal	16747698
CIELab	71.71, 47.65, -0.33
CIElCh	72, 47.651, 359.602
Yxy	43.2305, 0.3930, 0.2896
Android (android.graphics.Color)	4294937778 (0xFFFF8CB2)
YUV	178.7170, -0.3535, 66.9002
Hunter-Lab	65.7499, 44.2052, 3.2997

Details

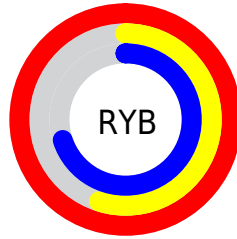
The Yxy color **43.2305, 0.3930, 0.2896** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.1015, 0.2692, 0.3740**, and the grayscale version is **44.8939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6804, 0.3308, 0.2909**, and **19.8720, 0.4177, 0.2786** is the 20% darker color. If you saturate the color by 10%, you get **35.9746, 0.4214, 0.2821**, and if you desaturate by 10%, it is **52.2877, 0.3688, 0.2983**.

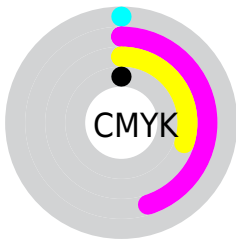
Distribution



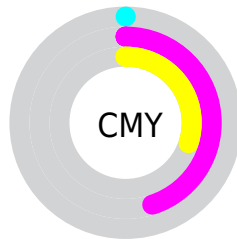
- Red (100%)
- Green (55%)
- Blue (70%)



- Red (100%)
- Yellow (55%)
- Blue (70%)



- Cyan (0%)
- Magenta (45%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2305, 0.3930, 0.2896 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 43.2305, 0.3930, 0.2896 by changing the saturation by 10% instead.

 43.2305, 0.3930,
0.2896


 43.2305, 0.3930,
0.2896


359.5588, 0.3525,
0.3095

 30.0660, 0.4032,
0.2846


 80.0586, 0.3782,
0.2968

 19.8887, 0.4163,
0.2782


 104.4910, 0.3727,
0.2995

 12.3142, 0.4337,
0.2697


133.4481, 0.3680,
0.3018

 6.9580, 0.4580,
0.2579

167.3144, 0.3640,
0.3038

 3.4359, 0.4940,
0.2403

206.4742, 0.3606,
0.3055

 1.3633, 0.5520,
0.2121

251.3119, 0.3575,

 0.1894, 0.7758,

0.3070

0.1014

302.2120, 0.3549,
0.3083

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.2305, 0.3930,
0.2896

43.2305, 0.3930,
0.2896

35.9746, 0.4214,
0.2821

52.2877, 0.3688,
0.2983

30.4115, 0.4538,
0.2769

63.2740, 0.3486,
0.3074

26.3959, 0.4887,
0.2752

76.2874, 0.3321,
0.3163

23.7653, 0.5238,
0.2783

91.4237, 0.3186,
0.3249

■ 22.3194, 0.5559,
0.2863

100.0000, 0.3127,
0.3290

■ 21.9053, 0.5700,
0.2914

Harmonies

Analogous

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



43.2305, 0.3245, 0.2505



43.2305, 0.3930, 0.2896



43.2305, 0.4396, 0.3385

Triad

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



43.2305, 0.3930, 0.2896



43.2305, 0.3562, 0.4544



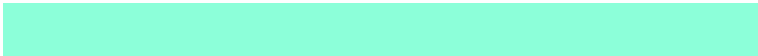
43.2305, 0.1940, 0.2488

Complementary

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



43.2305, 0.3930, 0.2896



82.1015, 0.2692, 0.3740

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.



43.2305, 0.2002, 0.2984



43.2305, 0.3930, 0.2896



43.2305, 0.2901, 0.4311

Square

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



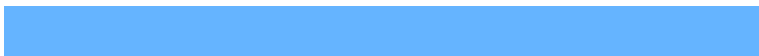
43.2305, 0.3930, 0.2896



43.2305, 0.4138, 0.4343



43.2305, 0.2336, 0.3682



43.2305, 0.2143, 0.2260

Rectangle

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



43.2305, 0.3930, 0.2896



43.2305, 0.4487, 0.3730



43.2305, 0.2336, 0.3682



43.2305, 0.1931, 0.2623

Sweetspot

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



43.2253, 0.3930, 0.2896



77.8552, 0.3305, 0.3173



40.6700, 0.2852, 0.2074



16.0146, 0.3337, 0.3154



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.



43.2253, 0.3930, 0.2896



36.6911, 0.4181, 0.2828



48.0007, 0.4250, 0.3494



18.0861, 0.3242, 0.3212



11.4705, 0.5657, 0.2890



1.1361, 0.5338, 0.2714

Inverse Universe

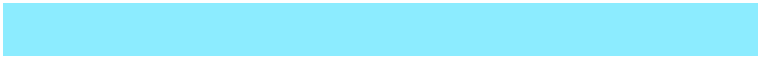
The Inverse Universe completely reimagines the original color for something new.



43.2253, 0.3930, 0.2896



36.6911, 0.4181, 0.2828



72.6868, 0.2481, 0.3067



18.0861, 0.3242, 0.3212



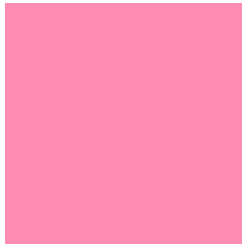
11.4705, 0.5657, 0.2890



1.1361, 0.5338, 0.2714

Previews

White Background



This preview shows how the Yxy color 43.2305, 0.3930, 0.2896 looks on a white background.

Color Contrast Check

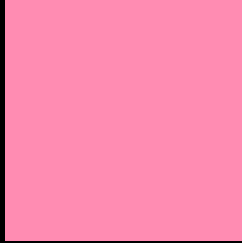
Large Text (above 18pt) WCAG AA × Fail

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 43.2305, 0.3930, 0.2896 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 43.2305, 0.3930, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 43.2305, 0.3930, 0.2896.



This preview shows how white text looks on a background with the Yxy color 43.2305, 0.3930, 0.2896.

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

43.2305, 0.3930, 0.2896

Protanopia

43.5541, 0.2913, 0.2975

Deuteranopia

43.2359, 0.3322, 0.3252



Tritanopia

43.1957, 0.4148, 0.3177

Trichromacy



Original Color

43.2305, 0.3930, 0.2896

Protanomaly

42.1588, 0.3246, 0.2932

Deuteranomaly

42.4903, 0.3533, 0.3098

Tritanomaly

43.3601, 0.4074, 0.3082

Monochromacy



Original Color

43.2305, 0.3930, 0.2896

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.4303, 0.3397, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2305, 0.3930, 0.2896 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, 140, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 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, 140, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 178) }
```

Border

The CSS property to change the border of an element to Yxy 43.2305, 0.3930, 0.2896 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, 140, 178) }
```

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

```
.border{ border-color:rgb(255, 140, 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, 140, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2305, 0.3930, 0.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 178) }
```

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

```
.background{ background-color: rgb(255,  
140, 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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