

Converting Colors

$Y_{xy}(44.9932, 0.3857, 0.2894)$

Have a look what the booklet for
Yxy(44.9932, 0.3857, 0.2894)
contains.

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Color

Yxy(44.9297, 0.3861, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	FF91B7
RGB	255, 145, 183
RGB Percent	100%, 57%, 72%
CMY	0.0002, 0.4312, 0.2824
CMYK	0.00, 0.43, 0.28, 0.00
HSL	339°, 100%, 78%
HSV	339°, 43%, 100%
XYZ	59.9011, 44.9297, 50.3132
YIQ	182.2220, 53.3620, 35.1380

Conversions

Conversions Part 2

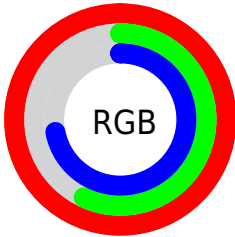
Format	Color
R_{YB}	255, 145, 183
Decimal	16748983
CIE _{Lab}	72.85, 45.73, -1.44
CIE _{LCh}	73, 45.750, 358.197
Yxy	44.9297, 0.3861, 0.2896
Android (android.graphics.Color)	4294939063 (0xFFFF91B7)
YUV	182.2220, 0.3836, 63.8263
Hunter-Lab	67.0296, 42.2149, 2.4170

Details

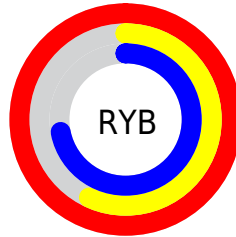
The Yxy color **44.9297, 0.3861, 0.2896** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.5260, 0.2714, 0.3736**, and the grayscale version is **46.8855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2653, 0.3266, 0.2911**, and **21.0018, 0.4073, 0.2793** is the 20% darker color. If you saturate the color by 10%, you get **37.3385, 0.4130, 0.2814**, and if you desaturate by 10%, it is **54.3559, 0.3633, 0.2988**.

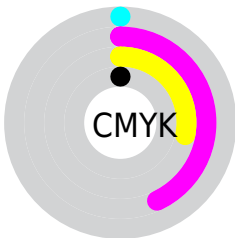
Distribution



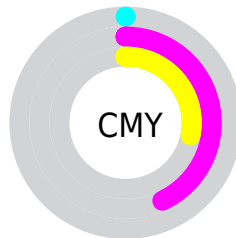
- Red (100%)
- Green (57%)
- Blue (72%)



- Red (100%)
- Yellow (57%)
- Blue (72%)



- Cyan (0%)
- Magenta (43%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (43%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9297, 0.3861, 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 44.9297, 0.3861, 0.2896 by changing the saturation by 10% instead.


 44.9297, 0.3861,
0.2896


 44.9297, 0.3861,
0.2896


366.4888, 0.3494,
0.3092

 31.4021, 0.3953,
0.2847


 82.6149, 0.3728,
0.2967

 20.9052, 0.4070,
0.2786

 107.5413, 0.3677,
0.2994

 13.0547, 0.4225,
0.2704

137.0360, 0.3635,
0.3016

 7.4662, 0.4441,
0.2591

171.4835, 0.3599,
0.3036

 3.7554, 0.4758,
0.2426

211.2681, 0.3567,
0.3053

 1.5377, 0.5266,
0.2165

256.7742, 0.3540,

 0.3150, 0.6722,

0.3067

0.1361

308.3863, 0.3515,
0.3081

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.9297, 0.3861,
0.2896

44.9297, 0.3861,
0.2896

37.3385, 0.4130,
0.2814

54.3559, 0.3633,
0.2988

31.4546, 0.4438,
0.2753

65.7207, 0.3444,
0.3083

27.1442, 0.4775,
0.2725

79.1276, 0.3289,
0.3176

24.2500, 0.5120,
0.2743

94.6709, 0.3162,
0.3264

■ 22.5818, 0.5444,
0.2813

99.9922, 0.3127,
0.3290

■ 21.9577, 0.5644,
0.2883

Harmonies

Analogous

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



44.9297, 0.3209, 0.2526



44.9297, 0.3861, 0.2896



44.9297, 0.4316, 0.3363

Triad

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



44.9297, 0.3861, 0.2896



44.9297, 0.3574, 0.4476



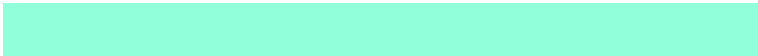
44.9297, 0.1991, 0.2546

Complementary

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



44.9297, 0.3861, 0.2896



82.5260, 0.2714, 0.3736

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.



44.9297, 0.2064, 0.3032



44.9297, 0.3861, 0.2896



44.9297, 0.2945, 0.4272

Square

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



44.9297, 0.3861, 0.2896



44.9297, 0.4113, 0.4279



44.9297, 0.2397, 0.3694



44.9297, 0.2174, 0.2313

Rectangle

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



44.9297, 0.3861, 0.2896



44.9297, 0.4418, 0.3693



44.9297, 0.2397, 0.3694



44.9297, 0.1986, 0.2680

Sweetspot

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



44.9319, 0.3861, 0.2896



79.3232, 0.3287, 0.3177



42.1511, 0.2853, 0.2123



16.3050, 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.



44.9319, 0.3861, 0.2896



38.1120, 0.4098, 0.2823



48.9701, 0.4188, 0.3466



18.0906, 0.3240, 0.3208



11.5028, 0.5601, 0.2859



1.1396, 0.5285, 0.2685

Inverse Universe

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



44.9319, 0.3861, 0.2896



38.1120, 0.4098, 0.2823



74.6632, 0.2509, 0.3099



18.0906, 0.3240, 0.3208



11.5028, 0.5601, 0.2859



1.1396, 0.5285, 0.2685

Previews

White Background



This preview shows how the Yxy color 44.9297, 0.3861, 0.2896 looks on a white background.

Color Contrast Check

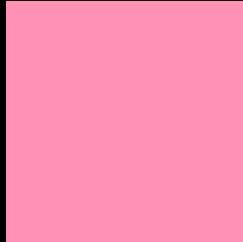
Large Text (above 18pt) WCAG AA × Fail

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 44.9297, 0.3861, 0.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

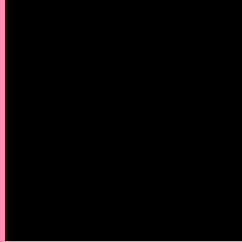
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9297, 0.3861, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 44.9297, 0.3861, 0.2896.

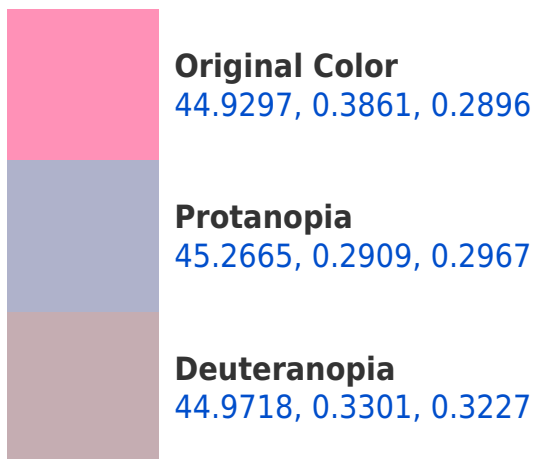


This preview shows how white text looks on a background with the Yxy color 44.9297, 0.3861, 0.2896.

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





Tritanopia

44.9156, 0.4073, 0.3176

Trichromacy



Original Color

44.9297, 0.3861, 0.2896



Protanomaly

44.0953, 0.3217, 0.2925



Deuteranomaly

44.3951, 0.3496, 0.3088



Tritanomaly

45.0778, 0.4002, 0.3082

Monochromacy



Original Color

44.9297, 0.3861, 0.2896



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

45.3086, 0.3382, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9297, 0.3861, 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, 145, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 183)  
}
```

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, 145, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 183) }
```

Border

The CSS property to change the border of an element to Yxy 44.9297, 0.3861, 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, 145, 183) }
```

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

```
.border{ border-color:rgb(255, 145, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9297, 0.3861, 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, 145, 183) }
```

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

```
.background{ background-color: rgb(255,  
145, 183) }
```

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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