

Converting Colors

Yxy(56.3314, 0.4513, 0.3069)

Have a look what the booklet for
Yxy(56.3314, 0.4513, 0.3069)
contains.

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Color

Yxy(43.5083, 0.4011, 0.3000)

Conversions

Conversions Part 1

Format	Color
Hex	FF8EAA
RGB	255, 142, 170
RGB Percent	100%, 56%, 67%
CMY	0.0000, 0.4431, 0.3334
CMYK	0.00, 0.44, 0.33, 0.00
HSL	345°, 100%, 78%
HSV	345°, 44%, 100%
XYZ	58.1706, 43.5083, 43.3488
YIQ	178.9790, 58.3600, 32.6640

Conversions

Conversions Part 2

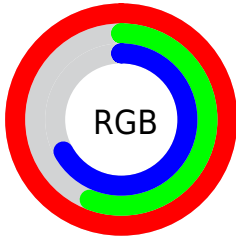
Format	Color
R _Y B	255, 142, 170
Decimal	16748202
CIE Lab	71.90, 45.64, 4.42
CIE LCh	72, 45.854, 5.530
Yxy	43.5083, 0.4011, 0.3000
Android (android.graphics.Color)	4294938282 (0xFFFF8EAA)
YUV	178.9790, -4.4266, 66.6704
Hunter-Lab	65.9608, 41.9870, 7.2078

Details

The Yxy color **43.5083, 0.4011, 0.3000** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.8185, 0.2653, 0.3615**, and the grayscale version is **45.0662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0844, 0.3374, 0.3017**, and **20.0549, 0.4262, 0.2912** is the 20% darker color. If you saturate the color by 10%, you get **36.0941, 0.4334, 0.2945**, and if you desaturate by 10%, it is **52.7626, 0.3738, 0.3065**.

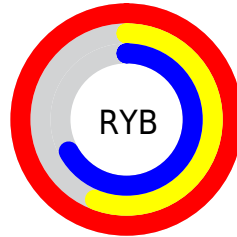
Distribution



Red (100%)

Green (56%)

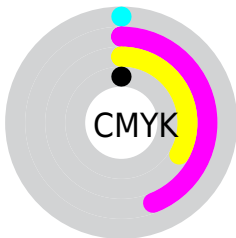
Blue (67%)



Red (100%)

Yellow (56%)

Blue (67%)

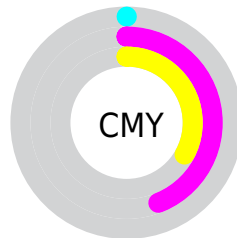


Cyan (0%)

Magenta (44%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (44%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5083, 0.4011, 0.3000 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 43.5083, 0.4011, 0.3000 by changing the saturation by 10% instead.


 43.5083, 0.4011,
0.3000


 43.5083, 0.4011,
0.3000


360.6980, 0.3563,
0.3152

 30.2841, 0.4124,
0.2960


 80.4773, 0.3847,
0.3056

 20.0544, 0.4270,
0.2908


 104.9910, 0.3786,
0.3077

 12.4346, 0.4464,
0.2838


134.0366, 0.3734,
0.3095

 7.0404, 0.4736,
0.2737

167.9986, 0.3690,
0.3110

 3.4874, 0.5139,
0.2582

207.2614, 0.3652,
0.3122

 1.3911, 0.5789,
0.2320

252.2092, 0.3618,

 0.2102, 0.8701,

0.3133

0.1299

303.2266, 0.3589,
0.3143

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.5083, 0.4011,
0.3000

43.5083, 0.4011,
0.3000

36.0941, 0.4334,
0.2945

52.7626, 0.3738,
0.3065

30.3974, 0.4701,
0.2909

63.9718, 0.3514,
0.3133

26.2774, 0.5096,
0.2904

77.2390, 0.3330,
0.3200

23.5720, 0.5485,
0.2939

92.6606, 0.3182,
0.3264

■ 22.0826, 0.5823,
0.3016

100.0000, 0.3127,
0.3290

■ 21.6203, 0.5983,
0.3070

Harmonies

Analogous

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



43.5083, 0.3376, 0.2596



43.5083, 0.4011, 0.3000



43.5083, 0.4391, 0.3485

Triad

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



43.5083, 0.4011, 0.3000



43.5083, 0.3425, 0.4484



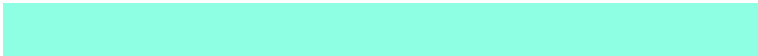
43.5083, 0.2000, 0.2455

Complementary

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



43.5083, 0.4011, 0.3000



82.8185, 0.2653, 0.3615

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.



43.5083, 0.2009, 0.2885



43.5083, 0.4011, 0.3000



43.5083, 0.2792, 0.4170

Square

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



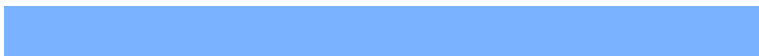
43.5083, 0.4011, 0.3000



43.5083, 0.4008, 0.4368



43.5083, 0.2282, 0.3529



43.5083, 0.2245, 0.2282

Rectangle

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



43.5083, 0.4011, 0.3000



43.5083, 0.4426, 0.3817



43.5083, 0.2282, 0.3529



43.5083, 0.1974, 0.2569

Sweetspot

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



43.5077, 0.4011, 0.3000



79.1392, 0.3309, 0.3209



42.8567, 0.2938, 0.2122



16.2600, 0.3345, 0.3194



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.



43.5077, 0.4011, 0.3000



36.9669, 0.4288, 0.2951



52.0567, 0.4174, 0.3589



18.0608, 0.3255, 0.3231



11.3168, 0.5943, 0.3048



1.1184, 0.5629, 0.2875

Inverse Universe

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



43.5077, 0.4011, 0.3000



36.9669, 0.4288, 0.2951



67.7726, 0.2471, 0.2958



18.0608, 0.3255, 0.3231



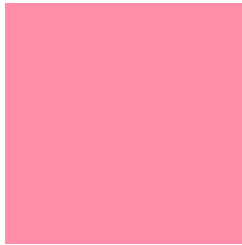
11.3168, 0.5943, 0.3048



1.1184, 0.5629, 0.2875

Previews

White Background



This preview shows how the Yxy color 43.5083, 0.4011, 0.3000 looks on a white background.

Color Contrast Check

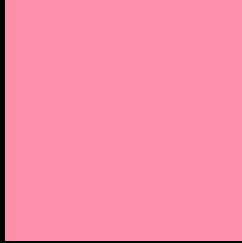
Large Text (above 18pt) WCAG AA × Fail

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 43.5083, 0.4011, 0.3000 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 43.5083, 0.4011, 0.3000

Background



This preview shows how black text looks on a background with the Yxy color 43.5083, 0.4011, 0.3000.



This preview shows how white text looks on a background with the Yxy color 43.5083, 0.4011, 0.3000.

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

43.5083, 0.4011, 0.3000

Protanopia

43.9549, 0.3023, 0.3118

Deuteranopia

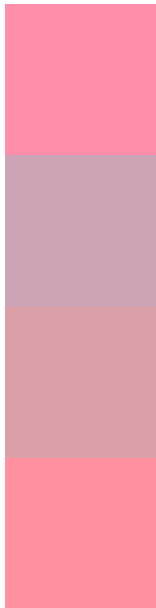
43.8482, 0.3429, 0.3368



Tritanopia

43.6882, 0.4153, 0.3188

Trichromacy



Original Color

43.5083, 0.4011, 0.3000

Protanomaly

42.9075, 0.3353, 0.3068

Deuteranomaly

42.9917, 0.3638, 0.3207

Tritanomaly

43.5554, 0.4103, 0.3125

Monochromacy



Original Color

43.5083, 0.4011, 0.3000

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.6724, 0.3423, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5083, 0.4011, 0.3000 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, 142, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 170)  
}
```

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, 142, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 170) }
```

Border

The CSS property to change the border of an element to Yxy 43.5083, 0.4011, 0.3000 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, 142, 170) }
```

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

```
.border{ border-color:rgb(255, 142, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5083, 0.4011, 0.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 170) }
```

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

```
.background{ background-color: rgb(255,  
142, 170) }
```

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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