

Converting Colors

$Yxy(43.4903, 0.4098, 0.3097)$

Have a look what the booklet for
Yxy(43.4903, 0.4098, 0.3097)
contains.

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Color

Yxy(43.5136, 0.4094, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	FF8FA2
RGB	255, 143, 162
RGB Percent	100%, 56%, 64%
CMY	0.0001, 0.4391, 0.3647
CMYK	0.00, 0.44, 0.36, 0.00
HSL	350°, 100%, 78%
HSV	350°, 44%, 100%
XYZ	57.5775, 43.5136, 39.5476
YIQ	178.6540, 60.6530, 29.6530

Conversions

Conversions Part 2

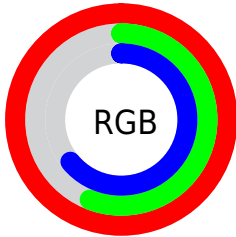
Format	Color
R_{YB}	255, 143, 162
Decimal	16748450
CIE _{Lab}	71.90, 44.18, 8.86
CIE _{LCh}	72, 45.056, 11.338
Yxy	43.5136, 0.4094, 0.3094
Android (android.graphics.Color)	4294938530 (0xFFFF8FA2)
YUV	178.6540, -8.2104, 66.9554
Hunter-Lab	65.9648, 40.3654, 10.6295

Details

The Yxy color **43.5136, 0.4094, 0.3094** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.4018, 0.2617, 0.3507**, and the grayscale version is **44.9085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1166, 0.3435, 0.3107**, and **20.0621, 0.4367, 0.3018** is the 20% darker color. If you saturate the color by 10%, you get **36.0186, 0.4453, 0.3058**, and if you desaturate by 10%, it is **52.8793, 0.3792, 0.3138**.

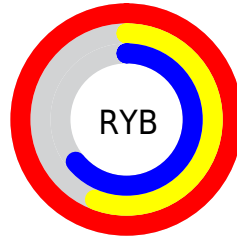
Distribution



Red (100%)

Green (56%)

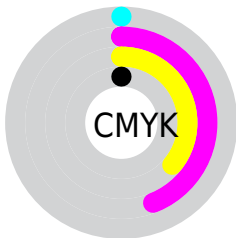
Blue (64%)



Red (100%)

Yellow (56%)

Blue (64%)

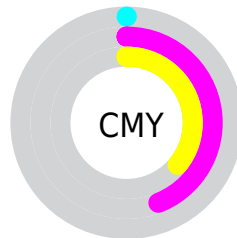


Cyan (0%)

Magenta (44%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5136, 0.4094, 0.3094 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 43.5136, 0.4094, 0.3094 by changing the saturation by 10% instead.


 43.5136, 0.4094,
0.3094


 43.5136, 0.4094,
0.3094


360.7197, 0.3602,
0.3204

 30.2883, 0.4219,
0.3063


 80.4853, 0.3914,
0.3136

 20.0575, 0.4379,
0.3022

 105.0005, 0.3846,
0.3151

 12.4369, 0.4594,
0.2964


134.0479, 0.3790,
0.3164

 7.0419, 0.4893,
0.2878

168.0117, 0.3741,
0.3174

 3.4883, 0.5336,
0.2738

207.2764, 0.3699,
0.3183

 1.3917, 0.6051,
0.2490

252.2263, 0.3663,

 0.2106, 0.8658,

0.3191

0.1342

303.2460, 0.3631,
0.3198

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.5136, 0.4094,
0.3094

43.5136, 0.4094,
0.3094

36.0186, 0.4453,
0.3058

52.8793, 0.3792,
0.3138

30.2621, 0.4860,
0.3037

64.2233, 0.3544,
0.3185

26.1049, 0.5292,
0.3040

77.6527, 0.3343,
0.3230

23.3836, 0.5702,
0.3074

93.2649, 0.3181,
0.3274

■ 21.8991, 0.6036,
0.3138

99.9953, 0.3127,
0.3290

■ 21.4314, 0.6187,
0.3182

Harmonies

Analogous

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



43.5136, 0.3501, 0.2674



43.5136, 0.4094, 0.3094



43.5136, 0.4397, 0.3580

Triad

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



43.5136, 0.4094, 0.3094



43.5136, 0.3299, 0.4437



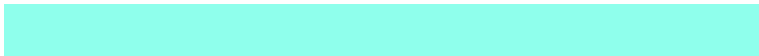
43.5136, 0.2044, 0.2416

Complementary

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



43.5136, 0.4094, 0.3094



83.4018, 0.2617, 0.3507

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.



43.5136, 0.2004, 0.2791



43.5136, 0.4094, 0.3094



43.5136, 0.2688, 0.4047

Square

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



43.5136, 0.4094, 0.3094



43.5136, 0.3896, 0.4400



43.5136, 0.2224, 0.3394



43.5136, 0.2334, 0.2291

Rectangle

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



43.5136, 0.4094, 0.3094



43.5136, 0.4381, 0.3903



43.5136, 0.2224, 0.3394



43.5136, 0.2003, 0.2513

Sweetspot

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



43.5158, 0.4094, 0.3094



78.9950, 0.3327, 0.3235



44.4389, 0.3003, 0.2154



16.2248, 0.3367, 0.3225



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.



43.5158, 0.4094, 0.3094



36.6329, 0.4418, 0.3061



55.2691, 0.4123, 0.3664



18.0373, 0.3268, 0.3250



11.2154, 0.6155, 0.3164



1.1053, 0.5873, 0.3009

Inverse Universe

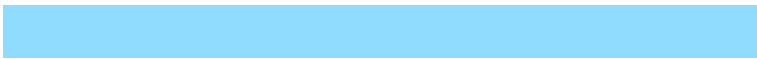
The Inverse Universe completely reimagines the original color for something new.



43.5158, 0.4094, 0.3094



36.6329, 0.4418, 0.3061



63.9968, 0.2461, 0.2871



18.0373, 0.3268, 0.3250



11.2154, 0.6155, 0.3164



1.1053, 0.5873, 0.3009

Previews

White Background



This preview shows how the Yxy color 43.5136, 0.4094, 0.3094 looks on a white background.

Color Contrast Check

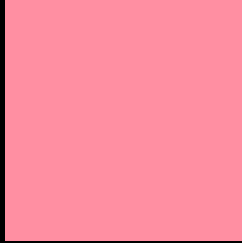
Large Text (above 18pt) WCAG AA × Fail

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 43.5136, 0.4094, 0.3094 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 43.5136, 0.4094, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 43.5136, 0.4094, 0.3094.



This preview shows how white text looks on a background with the Yxy color 43.5136, 0.4094, 0.3094.

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

43.5136, 0.4094, 0.3094

Protanopia

43.9297, 0.3121, 0.3237

Deuteranopia

43.6013, 0.3532, 0.3457



Tritanopia

43.3839, 0.4157, 0.3177

Trichromacy



Original Color

43.5136, 0.4094, 0.3094



Protanomaly

42.8334, 0.3455, 0.3179



Deuteranomaly

43.0170, 0.3736, 0.3304



Tritanomaly

43.4860, 0.4125, 0.3146

Monochromacy



Original Color

43.5136, 0.4094, 0.3094



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.5550, 0.3451, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5136, 0.4094, 0.3094 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 162) }
```

Border

The CSS property to change the border of an element to Yxy 43.5136, 0.4094, 0.3094 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, 162) }
```

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

```
.border{ border-color:rgb(255, 143, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5136, 0.4094, 0.3094 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
143, 162) }
```

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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