

Converting Colors

$Y_{xy}(44.2889, 0.4100, 0.3077)$

Have a look what the booklet for
Yxy(44.2889, 0.4100, 0.3077)
contains.

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Color

Yxy(43.5853, 0.4072, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	FF8FA4
RGB	255, 143, 164
RGB Percent	100%, 56%, 64%
CMY	0.0001, 0.4391, 0.3568
CMYK	0.00, 0.44, 0.36, 0.00
HSL	349°, 100%, 78%
HSV	349°, 44%, 100%
XYZ	57.7544, 43.5853, 40.4933
YIQ	178.8820, 60.0110, 30.2750

Conversions

Conversions Part 2

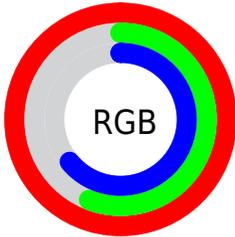
Format	Color
R_{YB}	255, 143, 164
Decimal	16748452
CIE _{Lab}	71.95, 44.40, 7.81
CIE _{LCh}	72, 45.084, 9.979
Yxy	43.5853, 0.4072, 0.3073
Android (android.graphics.Color)	4294938532 (0xFFFF8FA4)
YUV	178.8820, -7.3368, 66.7555
Hunter-Lab	66.0192, 40.6206, 9.8475

Details

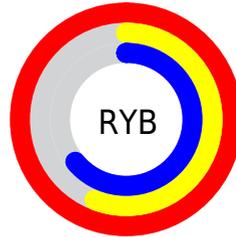
The Yxy color **43.5853, 0.4072, 0.3073** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.2803, 0.2626, 0.3531**, and the grayscale version is **45.0321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2213, 0.3419, 0.3087**, and **20.0843, 0.4351, 0.3005** is the 20% darker color. If you saturate the color by 10%, you get **36.0923, 0.4422, 0.3033**, and if you desaturate by 10%, it is **52.9441, 0.3777, 0.3122**.

Distribution



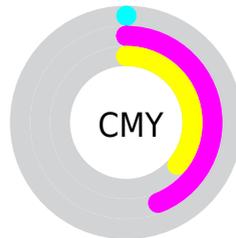
- Red (100%)
- Green (56%)
- Blue (64%)



- 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 43.5853, 0.4072, 0.3073 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 43.5853, 0.4072, 0.3073 by changing the saturation by 10% instead.

 43.5853, 0.4072,
0.3073

 43.5853, 0.4072,
0.3073

361.0133, 0.3592,
0.3192

 30.3446, 0.4194,
0.3040

 80.5934, 0.3896,
0.3118

 20.1003, 0.4350,
0.2997

 105.1295, 0.3830,
0.3135

 12.4680, 0.4559,
0.2936

134.1996, 0.3775,
0.3148

 7.0632, 0.4851,
0.2847

168.1881, 0.3728,
0.3160

 3.5017, 0.5284,
0.2705

207.4793, 0.3687,
0.3170

 1.3989, 0.5978,
0.2454

252.4576, 0.3651,

 0.2159, 0.8641,

0.3178

0.1359

303.5075, 0.3620,
0.3185

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.5853, 0.4072,
0.3073

43.5853, 0.4072,
0.3073

36.0923, 0.4422,
0.3033

52.9441, 0.3777,
0.3122

30.3332, 0.4821,
0.3008

64.2758, 0.3535,
0.3173

26.1695, 0.5244,
0.3010

77.6871, 0.3339,
0.3224

23.4384, 0.5652,
0.3044

93.2751, 0.3180,
0.3272

■ 21.9415, 0.5989,
0.3112

99.9936, 0.3127,
0.3290

■ 21.4652, 0.6146,
0.3160

Harmonies

Analogous

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



43.5853, 0.3471, 0.2658



43.5853, 0.4072, 0.3073



43.5853, 0.4392, 0.3557

Triad

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



43.5853, 0.4072, 0.3073



43.5853, 0.3328, 0.4444



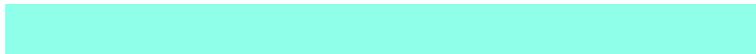
43.5853, 0.2037, 0.2428

Complementary

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



43.5853, 0.4072, 0.3073



83.2803, 0.2626, 0.3531

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.



43.5853, 0.2008, 0.2814



43.5853, 0.4072, 0.3073



43.5853, 0.2713, 0.4073

Square

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



43.5853, 0.4072, 0.3073



43.5853, 0.3920, 0.4390



43.5853, 0.2240, 0.3425



43.5853, 0.2316, 0.2292

Rectangle

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



43.5853, 0.4072, 0.3073



43.5853, 0.4388, 0.3882



43.5853, 0.2240, 0.3425



43.5853, 0.1999, 0.2528

Sweetspot

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



43.5875, 0.4072, 0.3073



79.0278, 0.3323, 0.3229



44.1239, 0.2987, 0.2149



16.2328, 0.3362, 0.3218



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.



43.5875, 0.4072, 0.3073



36.7067, 0.4388, 0.3036



54.5278, 0.4133, 0.3644



18.0427, 0.3265, 0.3246



11.2352, 0.6112, 0.3141



1.1080, 0.5821, 0.2980

Inverse Universe

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



43.5875, 0.4072, 0.3073



36.7067, 0.4388, 0.3036



64.9762, 0.2465, 0.2894



18.0427, 0.3265, 0.3246



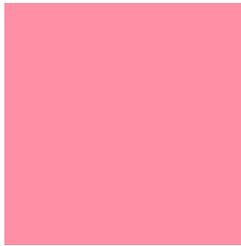
11.2352, 0.6112, 0.3141



1.1080, 0.5821, 0.2980

Previews

White Background



This preview shows how the Yxy color 43.5853, 0.4072, 0.3073 looks on a white background.

Color Contrast Check

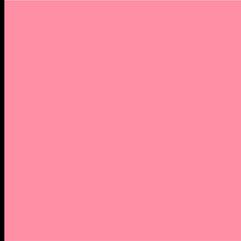
Large Text (above 18pt) WCAG AA × Fail

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 43.5853, 0.4072, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

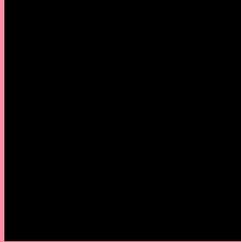
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5853, 0.4072, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 43.5853, 0.4072, 0.3073.



This preview shows how white text looks on a background with the Yxy color 43.5853, 0.4072, 0.3073.

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

43.5853, 0.4072, 0.3073

Protanopia

43.8930, 0.3096, 0.3210

Deuteranopia

43.5320, 0.3504, 0.3432



Tritanopia

43.6882, 0.4153, 0.3188

Trichromacy



Original Color

43.5853, 0.4072, 0.3073

Protanomaly

42.7679, 0.3427, 0.3154

Deuteranomaly

42.9305, 0.3707, 0.3280

Tritanomaly

43.4860, 0.4125, 0.3146

Monochromacy



Original Color

43.5853, 0.4072, 0.3073

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.5938, 0.3442, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5853, 0.4072, 0.3073 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 164) }
```

Border

The CSS property to change the border of an element to Yxy 43.5853, 0.4072, 0.3073 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, 164) }
```

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

```
.border{ border-color:rgb(255, 143, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
164) }
```

Background

The CSS property to change the background color of an element to Yxy 43.5853, 0.4072, 0.3073 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, 164) }
```

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

```
.background{ background-color: rgb(255,  
143, 164) }
```

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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