

Converting Colors

$Y_{xy}(58.4710, 0.4580, 0.3093)$

Have a look what the booklet for
Yxy(58.4710, 0.4580, 0.3093)
contains.

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Color

Yxy(43.7321, 0.4029, 0.3031)

Conversions

Conversions Part 1

Format	Color
Hex	FF8FA8
RGB	255, 143, 168
RGB Percent	100%, 56%, 66%
CMY	0.0000, 0.4392, 0.3412
CMYK	0.00, 0.44, 0.34, 0.00
HSL	347°, 100%, 78%
HSV	347°, 44%, 100%
XYZ	58.1315, 43.7321, 42.4191
YIQ	179.3380, 58.7270, 31.5190

Conversions

Conversions Part 2

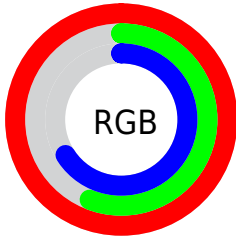
Format	Color
RYB	255, 143, 168
Decimal	16748456
CIELab	72.05, 44.90, 5.74
CIElCh	72, 45.262, 7.283
Yxy	43.7321, 0.4029, 0.3031
Android (android.graphics.Color)	4294938536 (0xFFFF8FA8)
YUV	179.3380, -5.5896, 66.3556
Hunter-Lab	66.1303, 41.1817, 8.2597

Details

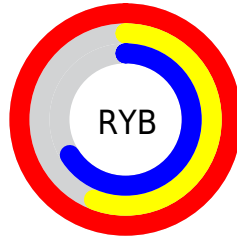
The Yxy color **43.7321, 0.4029, 0.3031** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.0738, 0.2644, 0.3579**, and the grayscale version is **45.2759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4346, 0.3388, 0.3047**, and **20.1754, 0.4288, 0.2951** is the 20% darker color. If you saturate the color by 10%, you get **36.2443, 0.4362, 0.2982**, and if you desaturate by 10%, it is **53.0741, 0.3748, 0.3090**.

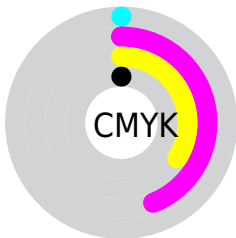
Distribution



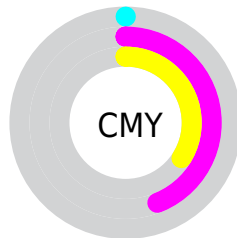
- Red (100%)
- Green (56%)
- Blue (66%)



- Red (100%)
- Yellow (56%)
- Blue (66%)



- Cyan (0%)
- Magenta (44%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7321, 0.4029, 0.3031 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 43.7321, 0.4029, 0.3031 by changing the saturation by 10% instead.


 43.7321, 0.4029,
0.3031

 43.7321, 0.4029,
0.3031


361.6139, 0.3572,
0.3168

 30.4600, 0.4145,
0.2995


 80.8145, 0.3862,
0.3083

 20.1880, 0.4293,
0.2946


 105.3935, 0.3799,
0.3102

 12.5318, 0.4492,
0.2881

134.5102, 0.3746,
0.3117

 7.1069, 0.4769,
0.2785

168.5491, 0.3701,
0.3131

 3.5291, 0.5180,
0.2637

207.8945, 0.3662,
0.3142

 1.4138, 0.5841,
0.2383

252.9309, 0.3628,

 0.2268, 0.8609,

0.3152

304.0425, 0.3598,
0.3161

0.1391

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.7321, 0.4029,
0.3031

43.7321, 0.4029,
0.3031

36.2443, 0.4362,
0.2982

53.0741, 0.3748,
0.3090

30.4833, 0.4741,
0.2950

64.3805, 0.3518,
0.3151

26.3103, 0.5148,
0.2947

77.7560, 0.3330,
0.3211

23.5633, 0.5546,
0.2982

93.2972, 0.3178,
0.3269

■ 22.0450, 0.5887,
0.3055

100.0000, 0.3127,
0.3290

■ 21.5544, 0.6054,
0.3109

Harmonies

Analogous

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



43.7321, 0.3412, 0.2625



43.7321, 0.4029, 0.3031



43.7321, 0.4383, 0.3513

Triad

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



43.7321, 0.4029, 0.3031



43.7321, 0.3385, 0.4460



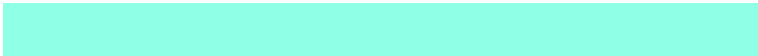
43.7321, 0.2021, 0.2450

Complementary

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



43.7321, 0.4029, 0.3031



83.0738, 0.2644, 0.3579

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.



43.7321, 0.2016, 0.2860



43.7321, 0.4029, 0.3031



43.7321, 0.2764, 0.4125

Square

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



43.7321, 0.4029, 0.3031



43.7321, 0.3968, 0.4370



43.7321, 0.2271, 0.3486



43.7321, 0.2279, 0.2292

Rectangle

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



43.7321, 0.4029, 0.3031



43.7321, 0.4402, 0.3840



43.7321, 0.2271, 0.3486



43.7321, 0.1991, 0.2558

Sweetspot

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



43.7330, 0.4029, 0.3031



79.0938, 0.3315, 0.3217



43.5024, 0.2956, 0.2138



16.2489, 0.3352, 0.3204



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.



43.7330, 0.4029, 0.3031



36.8591, 0.4329, 0.2986



53.0805, 0.4152, 0.3606



18.0534, 0.3259, 0.3237



11.2808, 0.6016, 0.3088



1.1139, 0.5709, 0.2919

Inverse Universe

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



43.7330, 0.4029, 0.3031



36.8591, 0.4329, 0.2986



66.9831, 0.2472, 0.2939



18.0534, 0.3259, 0.3237



11.2808, 0.6016, 0.3088



1.1139, 0.5709, 0.2919

Previews

White Background



This preview shows how the Yxy color 43.7321, 0.4029, 0.3031 looks on a white background.

Color Contrast Check

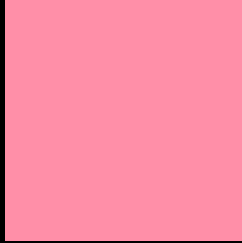
Large Text (above 18pt) WCAG AA × Fail

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 43.7321, 0.4029, 0.3031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

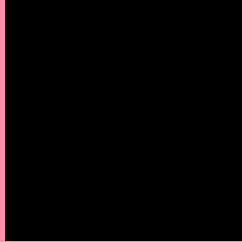
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7321, 0.4029, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 43.7321, 0.4029, 0.3031.



This preview shows how white text looks on a background with the Yxy color 43.7321, 0.4029, 0.3031.

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

43.7321, 0.4029, 0.3031

Protanopia

43.9856, 0.3048, 0.3145

Deuteranopia

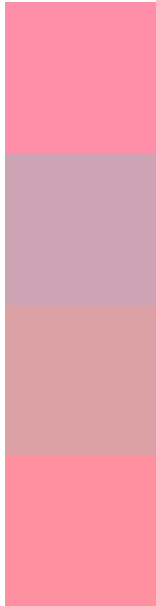
43.9123, 0.3456, 0.3393



Tritanopia

43.7219, 0.4142, 0.3177

Trichromacy



Original Color

43.7321, 0.4029, 0.3031

Protanomaly

42.8253, 0.3371, 0.3092

Deuteranomaly

43.2664, 0.3655, 0.3243

Tritanomaly

43.5554, 0.4103, 0.3125

Monochromacy



Original Color

43.7321, 0.4029, 0.3031

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.6330, 0.3432, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7321, 0.4029, 0.3031 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 168) }
```

Border

The CSS property to change the border of an element to Yxy 43.7321, 0.4029, 0.3031 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, 168) }
```

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

```
.border{ border-color:rgb(255, 143, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7321, 0.4029, 0.3031 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, 168) }
```

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

```
.background{ background-color: rgb(255,  
143, 168) }
```

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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