

Converting Colors

$Y_{xy}(43.3094, 0.4032, 0.3015)$

Have a look what the booklet for
Yxy(43.3094, 0.4032, 0.3015)
contains.

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Color

Yxy(43.4332, 0.4032, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	FF8EA8
RGB	255, 142, 168
RGB Percent	100%, 56%, 66%
CMY	0.0002, 0.4430, 0.3412
CMYK	0.00, 0.44, 0.34, 0.00
HSL	346°, 100%, 78%
HSV	346°, 44%, 100%
XYZ	57.9684, 43.4332, 42.3693
YIQ	178.7510, 59.0020, 32.0420

Conversions

Conversions Part 2

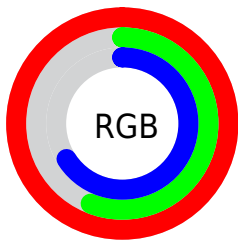
Format	Color
R_{YB}	255, 142, 168
Decimal	16748200
CIE _{Lab}	71.85, 45.37, 5.45
CIE _{LCh}	72, 45.692, 6.848
Yxy	43.4332, 0.4032, 0.3021
Android (android.graphics.Color)	4294938280 (0xFFFF8EA8)
YUV	178.7510, -5.3002, 66.8704
Hunter-Lab	65.9039, 41.6752, 8.0154

Details

The Yxy color **43.4332, 0.4032, 0.3021** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.9038, 0.2644, 0.3591**, and the grayscale version is **44.9483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9759, 0.3390, 0.3037**, and **20.0078, 0.4293, 0.2939** is the 20% darker color. If you saturate the color by 10%, you get **36.0169, 0.4363, 0.2970**, and if you desaturate by 10%, it is **52.6992, 0.3752, 0.3081**.

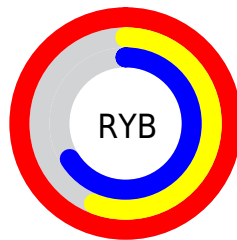
Distribution



Red (100%)

Green (56%)

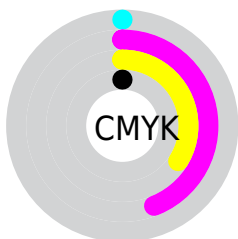
Blue (66%)



Red (100%)

Yellow (56%)

Blue (66%)

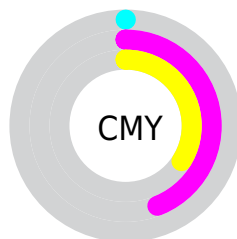


Cyan (0%)

Magenta (44%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4332, 0.4032, 0.3021 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 43.4332, 0.4032, 0.3021 by changing the saturation by 10% instead.


 43.4332, 0.4032,
0.3021


 43.4332, 0.4032,
0.3021


360.3903, 0.3573,
0.3163

 30.2252, 0.4148,
0.2983


 80.3642, 0.3864,
0.3074

 20.0096, 0.4298,
0.2934


 104.8559, 0.3801,
0.3094

 12.4020, 0.4498,
0.2866


133.8776, 0.3748,
0.3110

 7.0181, 0.4777,
0.2768

167.8138, 0.3703,
0.3124

 3.4734, 0.5191,
0.2616

207.0487, 0.3664,
0.3136

 1.3836, 0.5858,
0.2355

251.9668, 0.3629,

 0.2046, 0.8718,

0.3146

0.1282

302.9526, 0.3599,
0.3155

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.4332, 0.4032,
0.3021

43.4332, 0.4032,
0.3021

36.0169, 0.4363,
0.2970

52.6992, 0.3752,
0.3081

30.3192, 0.4741,
0.2939

63.9217, 0.3522,
0.3145

26.2017, 0.5145,
0.2936

77.2067, 0.3335,
0.3207

23.5019, 0.5539,
0.2972

92.6511, 0.3183,
0.3266

■ 22.0210, 0.5878,
0.3046

99.9919, 0.3127,
0.3290

■ 21.5635, 0.6035,
0.3098

Harmonies

Analogous

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



43.4332, 0.3405, 0.2613



43.4332, 0.4032, 0.3021



43.4332, 0.4395, 0.3507

Triad

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



43.4332, 0.4032, 0.3021



43.4332, 0.3396, 0.4476



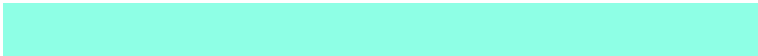
43.4332, 0.2008, 0.2444

Complementary

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



43.4332, 0.4032, 0.3021



82.9038, 0.2644, 0.3591

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.



43.4332, 0.2006, 0.2862



43.4332, 0.4032, 0.3021



43.4332, 0.2767, 0.4143

Square

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



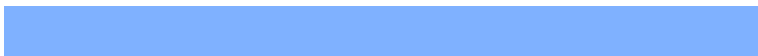
43.4332, 0.4032, 0.3021



43.4332, 0.3984, 0.4378



43.4332, 0.2267, 0.3498



43.4332, 0.2264, 0.2282

Rectangle

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



43.4332, 0.4032, 0.3021



43.4332, 0.4418, 0.3837



43.4332, 0.2267, 0.3498



43.4332, 0.1979, 0.2555

Sweetspot

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



43.4354, 0.4032, 0.3021



79.1063, 0.3313, 0.3215



43.1676, 0.2954, 0.2128



16.2519, 0.3350, 0.3201



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.



43.4354, 0.4032, 0.3021



36.8885, 0.4318, 0.2976



52.7674, 0.4164, 0.3608



18.0555, 0.3258, 0.3236



11.2904, 0.5997, 0.3077



1.1151, 0.5687, 0.2907

Inverse Universe

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



43.4354, 0.4032, 0.3021



36.8885, 0.4318, 0.2976



66.7377, 0.2467, 0.2936



18.0555, 0.3258, 0.3236



11.2904, 0.5997, 0.3077



1.1151, 0.5687, 0.2907

Previews

White Background



This preview shows how the Yxy color 43.4332, 0.4032, 0.3021 looks on a white background.

Color Contrast Check

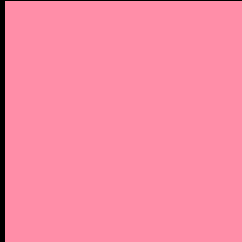
Large Text (above 18pt) WCAG AA × Fail

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 43.4332, 0.4032, 0.3021 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 43.4332, 0.4032, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 43.4332, 0.4032, 0.3021.



This preview shows how white text looks on a background with the Yxy color 43.4332, 0.4032, 0.3021.

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

43.4332, 0.4032, 0.3021

Protanopia

43.5949, 0.3048, 0.3131

Deuteranopia

43.3996, 0.3449, 0.3381



Tritanopia

43.3839, 0.4157, 0.3177

Trichromacy



Original Color

43.4332, 0.4032, 0.3021



Protanomaly

42.4688, 0.3373, 0.3080



Deuteranomaly

42.9183, 0.3657, 0.3231



Tritanomaly

43.2538, 0.4107, 0.3114

Monochromacy



Original Color

43.4332, 0.4032, 0.3021



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 43.4332, 0.4032, 0.3021 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 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, 142, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 168) }
```

Border

The CSS property to change the border of an element to Yxy 43.4332, 0.4032, 0.3021 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, 168) }
```

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

```
.border{ border-color:rgb(255, 142, 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, 142, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4332, 0.4032, 0.3021 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, 168) }
```

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

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