

Converting Colors

$Y_{xy}(45.5460, 0.4218, 0.3095)$

Have a look what the booklet for
Yxy(45.5460, 0.4218, 0.3095)
contains.

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Color

Yxy(43.2146, 0.4098, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	FF8EA2
RGB	255, 142, 162
RGB Percent	100%, 56%, 64%
CMY	0.0001, 0.4430, 0.3648
CMYK	0.00, 0.44, 0.36, 0.00
HSL	349°, 100%, 78%
HSV	349°, 44%, 100%
XYZ	57.4233, 43.2146, 39.4873
YIQ	178.0670, 60.9280, 30.1760

Conversions

Conversions Part 2

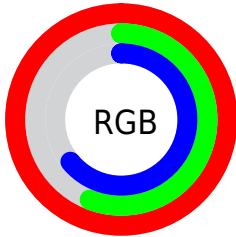
Format	Color
R _Y B	255, 142, 162
Decimal	16748194
CIE Lab	71.70, 44.67, 8.58
CIE LCh	72, 45.486, 10.876
Yxy	43.2146, 0.4098, 0.3084
Android (android.graphics.Color)	4294938274 (0xFFFF8EA2)
YUV	178.0670, -7.9210, 67.4702
Hunter-Lab	65.7378, 40.8821, 10.4023

Details

The Yxy color **43.2146, 0.4098, 0.3084** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.2499, 0.2617, 0.3519**, and the grayscale version is **44.5792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6579, 0.3436, 0.3097**, and **19.8946, 0.4373, 0.3005** is the 20% darker color. If you saturate the color by 10%, you get **35.7906, 0.4455, 0.3047**, and if you desaturate by 10%, it is **52.5026, 0.3797, 0.3130**.

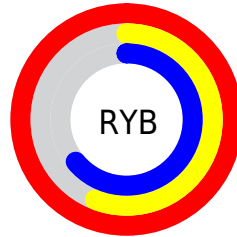
Distribution



Red (100%)

Green (56%)

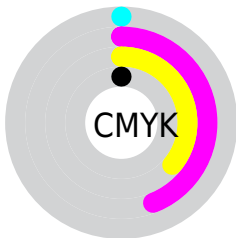
Blue (64%)



Red (100%)

Yellow (56%)

Blue (64%)

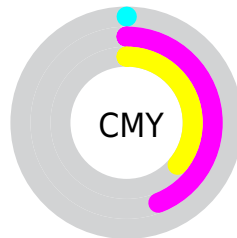


Cyan (0%)

Magenta (44%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2146, 0.4098, 0.3084 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 43.2146, 0.4098, 0.3084 by changing the saturation by 10% instead.


 43.2146, 0.4098,
0.3084


 43.2146, 0.4098,
0.3084


359.4936, 0.3604,
0.3198

 30.0535, 0.4223,
0.3052


 80.0346, 0.3917,
0.3128

 19.8792, 0.4385,
0.3009


 104.4623, 0.3849,
0.3144

 12.3073, 0.4601,
0.2949


133.4144, 0.3792,
0.3157

 6.9533, 0.4903,
0.2860

167.2752, 0.3743,
0.3168

 3.4329, 0.5350,
0.2716

206.4291, 0.3701,
0.3177

 1.3617, 0.6072,
0.2462

251.2605, 0.3665,

 0.1882, 0.8773,

0.3185

0.1227

302.1539, 0.3632,
0.3192

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.2146, 0.4098,
0.3084

43.2146, 0.4098,
0.3084

35.7906, 0.4455,
0.3047

52.5026, 0.3797,
0.3130

30.0981, 0.4861,
0.3025

63.7623, 0.3549,
0.3178

25.9973, 0.5290,
0.3029

77.1010, 0.3348,
0.3226

23.3241, 0.5697,
0.3064

92.6163, 0.3187,
0.3272

■ 21.8779, 0.6029,
0.3131

99.9932, 0.3127,
0.3290

■ 21.4429, 0.6171,
0.3173

Harmonies

Analogous

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



43.2146, 0.3495, 0.2662



43.2146, 0.4098, 0.3084



43.2146, 0.4411, 0.3574

Triad

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



43.2146, 0.4098, 0.3084



43.2146, 0.3310, 0.4454



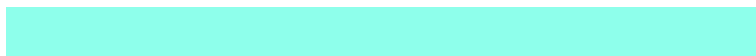
43.2146, 0.2031, 0.2410

Complementary

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



43.2146, 0.4098, 0.3084



83.2499, 0.2617, 0.3519

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.



43.2146, 0.1994, 0.2793



43.2146, 0.4098, 0.3084



43.2146, 0.2691, 0.4066

Square

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



43.2146, 0.4098, 0.3084



43.2146, 0.3912, 0.4409



43.2146, 0.2219, 0.3405



43.2146, 0.2319, 0.2281

Rectangle

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



43.2146, 0.4098, 0.3084



43.2146, 0.4398, 0.3901



43.2146, 0.2219, 0.3405



43.2146, 0.1990, 0.2509

Sweetspot

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



43.2168, 0.4098, 0.3084



79.0080, 0.3325, 0.3232



44.1098, 0.3002, 0.2145



16.2279, 0.3365, 0.3222



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.



43.2168, 0.4098, 0.3084



36.6620, 0.4406, 0.3051



54.9661, 0.4135, 0.3667



18.0394, 0.3266, 0.3248



11.2230, 0.6138, 0.3155



1.1064, 0.5853, 0.2998

Inverse Universe

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



43.2168, 0.4098, 0.3084



36.6620, 0.4406, 0.3051



63.7401, 0.2455, 0.2867



18.0394, 0.3266, 0.3248



11.2230, 0.6138, 0.3155



1.1064, 0.5853, 0.2998

Previews

White Background



This preview shows how the Yxy color 43.2146, 0.4098, 0.3084 looks on a white background.

Color Contrast Check

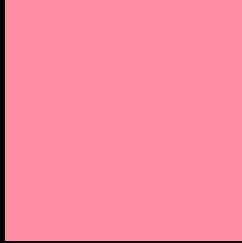
Large Text (above 18pt) WCAG AA × Fail

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 43.2146, 0.4098, 0.3084 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 43.2146, 0.4098, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 43.2146, 0.4098, 0.3084.



This preview shows how white text looks on a background with the Yxy color 43.2146, 0.4098, 0.3084.

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

43.2146, 0.4098, 0.3084

Protanopia

43.4202, 0.3113, 0.3223

Deuteranopia

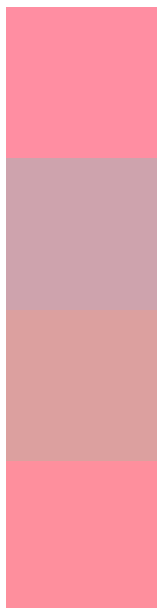
43.4631, 0.3523, 0.3458



Tritanopia

43.0488, 0.4172, 0.3178

Trichromacy



Original Color

43.2146, 0.4098, 0.3084

Protanomaly

42.3333, 0.3447, 0.3166

Deuteranomaly

42.8605, 0.3727, 0.3304

Tritanomaly

43.1501, 0.4140, 0.3146

Monochromacy



Original Color

43.2146, 0.4098, 0.3084

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.0106, 0.3453, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2146, 0.4098, 0.3084 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 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, 142, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 162) }
```

Border

The CSS property to change the border of an element to Yxy 43.2146, 0.4098, 0.3084 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, 162) }
```

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

```
.border{ border-color:rgb(255, 142, 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, 142, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2146, 0.4098, 0.3084 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, 162) }
```

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

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