

Converting Colors

$Y_{xy}(43.0212, 0.3984, 0.2947)$

Have a look what the booklet for
Yxy(43.0212, 0.3984, 0.2947)
contains.

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Color

Yxy(43.0333, 0.3984, 0.2948)

Conversions

Conversions Part 1

Format	Color
Hex	FF8CAD
RGB	255, 140, 173
RGB Percent	100%, 55%, 68%
CMY	0.0001, 0.4509, 0.3215
CMYK	0.00, 0.45, 0.32, 0.00
HSL	343°, 100%, 77%
HSV	343°, 45%, 100%
XYZ	58.1563, 43.0333, 44.7850
YIQ	178.1470, 57.9470, 34.6430

Conversions

Conversions Part 2

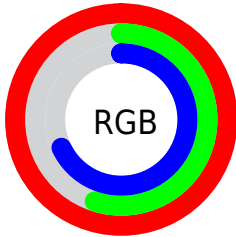
Format	Color
RYB	255, 140, 173
Decimal	16747693
CIELab	71.58, 46.99, 2.26
CIELCh	72, 47.044, 2.751
Yxy	43.0333, 0.3984, 0.2948
Android (android.graphics.Color)	4294937773 (0xFFFF8CAD)
YUV	178.1470, -2.5375, 67.4001
Hunter-Lab	65.5998, 43.4463, 5.4425

Details

The Yxy color **43.0333, 0.3984, 0.2948** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.3560, 0.2668, 0.3677**, and the grayscale version is **44.5962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3413, 0.3354, 0.2967**, and **19.6382, 0.4228, 0.2835** is the 20% darker color. If you saturate the color by 10%, you get **35.7696, 0.4291, 0.2884**, and if you desaturate by 10%, it is **52.1232, 0.3724, 0.3023**.

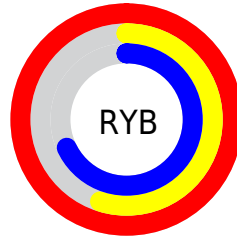
Distribution



Red (100%)

Green (55%)

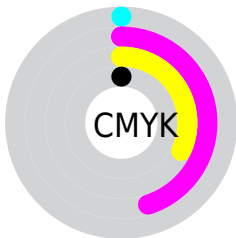
Blue (68%)



Red (100%)

Yellow (55%)

Blue (68%)

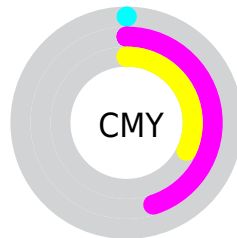


Cyan (0%)

Magenta (45%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0333, 0.3984, 0.2948 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 43.0333, 0.3984, 0.2948 by changing the saturation by 10% instead.


 43.0333, 0.3984,
0.2948


 43.0333, 0.3984,
0.2948


358.7487, 0.3550,
0.3124

 29.9112, 0.4094,
0.2903


 79.7611, 0.3825,
0.3013

 19.7712, 0.4235,
0.2845


 104.1357, 0.3766,
0.3037

 12.2289, 0.4423,
0.2766


133.0298, 0.3716,
0.3057

 6.8997, 0.4686,
0.2655

166.8280, 0.3673,
0.3074

 3.3995, 0.5077,
0.2488

205.9146, 0.3636,
0.3089

 1.3437, 0.5709,
0.2211

250.6739, 0.3604,

 0.1746, 0.8717,

0.3102

0.1082

301.4905, 0.3575,
0.3114

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.0333, 0.3984,
0.2948

43.0333, 0.3984,
0.2948

35.7696, 0.4291,
0.2884

52.1232, 0.3724,
0.3023

30.2009, 0.4639,
0.2842

63.1459, 0.3509,
0.3102

26.1889, 0.5013,
0.2833

76.2073, 0.3332,
0.3180

23.5699, 0.5385,
0.2869

91.4037, 0.3189,
0.3254

■ 22.1430, 0.5715,
0.2950

99.9959, 0.3127,
0.3290

■ 21.7395, 0.5856,
0.3000

Harmonies

Analogous

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



43.0333, 0.3317, 0.2546



43.0333, 0.3984, 0.2948



43.0333, 0.4408, 0.3439

Triad

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



43.0333, 0.3984, 0.2948



43.0333, 0.3491, 0.4528



43.0333, 0.1961, 0.2461

Complementary

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



43.0333, 0.3984, 0.2948



82.3560, 0.2668, 0.3677

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.



43.0333, 0.1994, 0.2925



43.0333, 0.3984, 0.2948



43.0333, 0.2838, 0.4247

Square

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



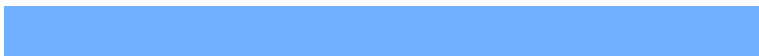
43.0333, 0.3984, 0.2948



43.0333, 0.4078, 0.4368



43.0333, 0.2298, 0.3602



43.0333, 0.2188, 0.2261

Rectangle

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



43.0333, 0.3984, 0.2948



43.0333, 0.4469, 0.3780



43.0333, 0.2298, 0.3602



43.0333, 0.1942, 0.2586

Sweetspot

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



43.0354, 0.3984, 0.2948



77.7675, 0.3315, 0.3188



41.2726, 0.2885, 0.2085



15.9934, 0.3350, 0.3172



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.



43.0354, 0.3984, 0.2948



36.4810, 0.4255, 0.2890



49.3481, 0.4230, 0.3534



18.0728, 0.3249, 0.3222



11.3837, 0.5814, 0.2976



1.1263, 0.5494, 0.2800

Inverse Universe

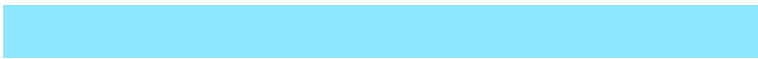
The Inverse Universe completely reimagines the original color for something new.



43.0354, 0.3984, 0.2948



36.4810, 0.4255, 0.2890



70.5013, 0.2473, 0.3021



18.0728, 0.3249, 0.3222



11.3837, 0.5814, 0.2976



1.1263, 0.5494, 0.2800

Previews

White Background



This preview shows how the Yxy color 43.0333, 0.3984, 0.2948 looks on a white background.

Color Contrast Check

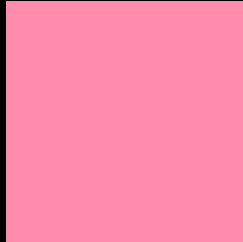
Large Text (above 18pt) WCAG AA × Fail

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 43.0333, 0.3984, 0.2948 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 43.0333, 0.3984, 0.2948

Background



This preview shows how black text looks on a background with the Yxy color 43.0333, 0.3984, 0.2948.



This preview shows how white text looks on a background with the Yxy color 43.0333, 0.3984, 0.2948.

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

43.0333, 0.3984, 0.2948

Protanopia

43.5089, 0.2975, 0.3053

Deuteranopia

43.3124, 0.3385, 0.3317



Tritanopia

42.8607, 0.4163, 0.3177

Trichromacy



Original Color

43.0333, 0.3984, 0.2948



Protanomaly

42.0823, 0.3300, 0.2993



Deuteranomaly

42.4503, 0.3591, 0.3159



Tritanomaly

42.9900, 0.4100, 0.3093

Monochromacy



Original Color

43.0333, 0.3984, 0.2948



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

42.8073, 0.3418, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0333, 0.3984, 0.2948 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, 140, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 173)  
}
```

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, 140, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 173) }
```

Border

The CSS property to change the border of an element to Yxy 43.0333, 0.3984, 0.2948 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, 140, 173) }
```

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

```
.border{ border-color:rgb(255, 140, 173) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 140, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0333, 0.3984, 0.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 173) }
```

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

```
.background{ background-color: rgb(255,  
140, 173) }
```

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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