

Converting Colors

$Y_{xy}(43.0030, 0.4013, 0.2979)$

Have a look what the booklet for
Yxy(43.0030, 0.4013, 0.2979)
contains.

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Color

Yxy(42.9184, 0.4017, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	FF8CAA
RGB	255, 140, 170
RGB Percent	100%, 55%, 67%
CMY	0.0000, 0.4509, 0.3332
CMYK	0.00, 0.45, 0.33, 0.00
HSL	344°, 100%, 77%
HSV	344°, 45%, 100%
XYZ	57.8728, 42.9184, 43.2786
YIQ	177.8050, 58.9100, 33.7100

Conversions

Conversions Part 2

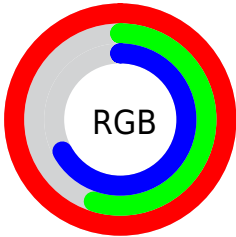
Format	Color
R_{YB}	255, 140, 170
Decimal	16747690
CIE _{Lab}	71.50, 46.63, 3.81
CIE _{LCh}	71, 46.790, 4.671
Yxy	42.9184, 0.4017, 0.2979
Android (android.graphics.Color)	4294937770 (0xFFFF8CAA)
YUV	177.8050, -3.8479, 67.7000
Hunter-Lab	65.5121, 43.0391, 6.6904

Details

The Yxy color $42.9184, 0.4017, 0.2979$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $82.5237, 0.2654, 0.3641$, and the grayscale version is $44.4123, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.1761, 0.3377, 0.2997$, and $19.7265, 0.4272, 0.2887$ is the 20% darker color. If you saturate the color by 10%, you get $35.6488, 0.4337, 0.2922$, and if you desaturate by 10%, it is $52.0208, 0.3746, 0.3047$.

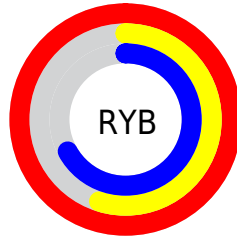
Distribution



Red (100%)

Green (55%)

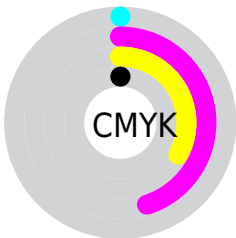
Blue (67%)



Red (100%)

Yellow (55%)

Blue (67%)

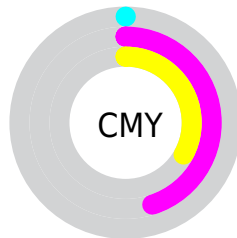


Cyan (0%)

Magenta (45%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9184, 0.4017, 0.2979 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 42.9184, 0.4017, 0.2979 by changing the saturation by 10% instead.

 42.9184, 0.4017,
0.2979

 42.9184, 0.4017,
0.2979


358.2761, 0.3565,
0.3141


 29.8211, 0.4131,
0.2937


 79.5877, 0.3852,
0.3039

 19.7028, 0.4279,
0.2882

 103.9285, 0.3790,
0.3061

 12.1792, 0.4475,
0.2807


 132.7859, 0.3738,
0.3080

 6.8659, 0.4751,
0.2701

166.5443, 0.3693,
0.3096

 3.3783, 0.5160,
0.2538

205.5882, 0.3655,
0.3109

 1.3323, 0.5820,
0.2263

250.3018, 0.3621,

 0.1660, 0.8928,

0.3121

0.1072

301.0697, 0.3592,
0.3132

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.9184, 0.4017,
0.2979

■ 42.9184, 0.4017,
0.2979

■ 35.6488, 0.4337,
0.2922

■ 52.0208, 0.3746,
0.3047

■ 30.0802, 0.4700,
0.2885

■ 63.0630, 0.3522,
0.3119

■ 26.0738, 0.5088,
0.2881

■ 76.1513, 0.3340,
0.3190

■ 23.4652, 0.5470,
0.2918

■ 91.3825, 0.3191,
0.3257

■ 22.0528, 0.5803,
0.2999

99.9979, 0.3127,
0.3290

■ 21.6580, 0.5941,
0.3046

Harmonies

Analogous

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



42.9184, 0.3361, 0.2571



42.9184, 0.4017, 0.2979



42.9184, 0.4417, 0.3472

Triad

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



42.9184, 0.4017, 0.2979



42.9184, 0.3448, 0.4518



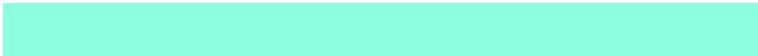
42.9184, 0.1972, 0.2444

Complementary

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



42.9184, 0.4017, 0.2979



82.5237, 0.2654, 0.3641

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.



42.9184, 0.1988, 0.2889



42.9184, 0.4017, 0.2979



42.9184, 0.2800, 0.4209

Square

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



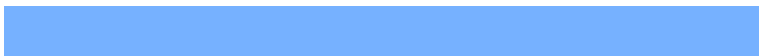
42.9184, 0.4017, 0.2979



42.9184, 0.4042, 0.4384



42.9184, 0.2274, 0.3555



42.9184, 0.2215, 0.2261

Rectangle

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



42.9184, 0.4017, 0.2979



42.9184, 0.4459, 0.3811



42.9184, 0.2274, 0.3555



42.9184, 0.1948, 0.2563

Sweetspot

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



42.9205, 0.4017, 0.2979



77.7157, 0.3322, 0.3197



41.8783, 0.2917, 0.2096



15.9809, 0.3357, 0.3182



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.



42.9205, 0.4017, 0.2979



36.3609, 0.4299, 0.2927



50.7300, 0.4210, 0.3574



18.0649, 0.3253, 0.3228



11.3385, 0.5900, 0.3024



1.1210, 0.5584, 0.2850

Inverse Universe

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



42.9205, 0.4017, 0.2979



36.3609, 0.4299, 0.2927



68.3708, 0.2465, 0.2975



18.0649, 0.3253, 0.3228



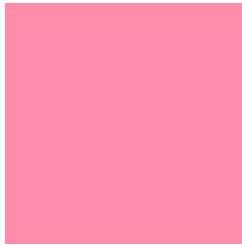
11.3385, 0.5900, 0.3024



1.1210, 0.5584, 0.2850

Previews

White Background



This preview shows how the Yxy color 42.9184, 0.4017, 0.2979 looks on a white background.

Color Contrast Check

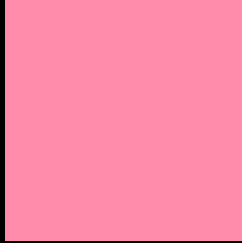
Large Text (above 18pt) WCAG AA × Fail

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 42.9184, 0.4017, 0.2979 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 42.9184, 0.4017, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 42.9184, 0.4017, 0.2979.



This preview shows how white text looks on a background with the Yxy color 42.9184, 0.4017, 0.2979.

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

42.9184, 0.4017, 0.2979

Protanopia

42.9885, 0.2999, 0.3078

Deuteranopia

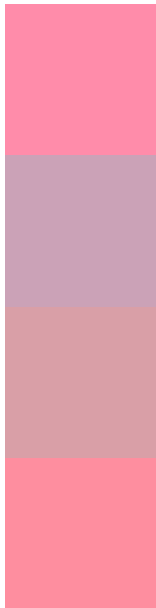
43.2018, 0.3412, 0.3355



Tritanopia

43.0157, 0.4183, 0.3188

Trichromacy



Original Color

42.9184, 0.4017, 0.2979

Protanomaly

41.9561, 0.3328, 0.3029

Deuteranomaly

42.3380, 0.3621, 0.3195

Tritanomaly

42.9200, 0.4122, 0.3114

Monochromacy



Original Color

42.9184, 0.4017, 0.2979

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

42.7679, 0.3427, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9184, 0.4017, 0.2979 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 170) }
```

Border

The CSS property to change the border of an element to Yxy 42.9184, 0.4017, 0.2979 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, 170) }
```

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

```
.border{ border-color:rgb(255, 140, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9184, 0.4017, 0.2979 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, 170) }
```

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

```
.background{ background-color: rgb(255,  
140, 170) }
```

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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