

Converting Colors

Yxy(42.8331, 0.3817, 0.2849)

Have a look what the booklet for
Yxy(42.8331, 0.3817, 0.2849)
contains.

Yxy(42.6084, 0.3815, 0.2845)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.6084, 0.3815, 0.2845)

Conversions

Conversions Part 1

Format	Color
Hex	F98DB7
RGB	249, 141, 183
RGB Percent	98%, 55%, 72%
CMY	0.0236, 0.4470, 0.2823
CMYK	0.00, 0.43, 0.26, 0.02
HSL	337°, 90%, 76%
HSV	337°, 43%, 98%
XYZ	57.1357, 42.6084, 50.0218
YIQ	178.0800, 50.8860, 35.9580

Conversions

Conversions Part 2

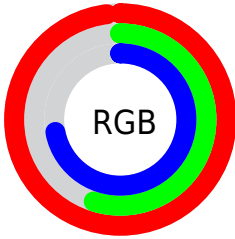
Format	Color
R_{YB}	249, 141, 183
Decimal	16354743
CIE _{Lab}	71.29, 45.74, -3.83
CIE _{LCh}	71, 45.898, 355.219
Yxy	42.6084, 0.3815, 0.2845
Android (android.graphics.Color)	4294544823 (0xFFFF98DB7)
YUV	178.0800, 2.4256, 62.1968
Hunter-Lab	65.2751, 42.0107, 0.2573

Details

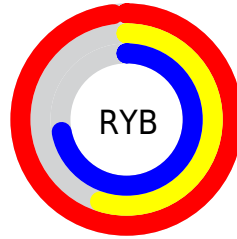
The Yxy color **42.6084, 0.3815, 0.2845** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **77.9086, 0.2736, 0.3798**, and the grayscale version is **44.5345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4245, 0.3270, 0.2871**, and **19.5383, 0.4012, 0.2726** is the 20% darker color. If you saturate the color by 10%, you get **35.4743, 0.4063, 0.2752**, and if you desaturate by 10%, it is **51.4654, 0.3604, 0.2948**.

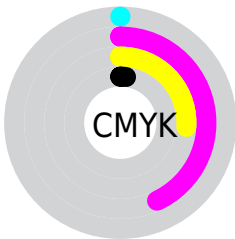
Distribution



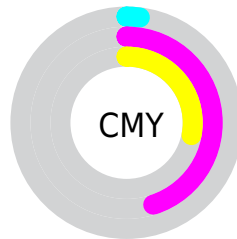
- Red (98%)
- Green (55%)
- Blue (72%)



- Red (98%)
- Yellow (55%)
- Blue (72%)



- Cyan (0%)
- Magenta (43%)
- Yellow (26%)
- Black (2%)





- Cyan (2%)
- Magenta (45%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6084, 0.3815, 0.2845 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 42.6084, 0.3815, 0.2845 by changing the saturation by 10% instead.


 42.6084, 0.3815,
0.2845


 42.6084, 0.3815,
0.2845


356.9988, 0.3469,
0.3066

 29.5780, 0.3902,
0.2791

 79.1196, 0.3689,
0.2925

 19.5185, 0.4013,
0.2721


 103.3691, 0.3642,
0.2955

 12.0455, 0.4161,
0.2630


132.1272, 0.3602,
0.2980

 6.7747, 0.4368,
0.2504

165.7782, 0.3568,
0.3002

 3.3216, 0.4675,
0.2320

204.7064, 0.3538,
0.3021

 1.3018, 0.5172,
0.2031

249.2963, 0.3512,

 0.1426, 0.7005,

0.3038

0.0756

299.9323, 0.3489,
0.3053

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.6084, 0.3815,
0.2845

42.6084, 0.3815,
0.2845

35.4743, 0.4063,
0.2752

51.4654, 0.3604,
0.2948

29.9427, 0.4347,
0.2682

62.1427, 0.3427,
0.3055

25.8876, 0.4657,
0.2645

74.7377, 0.3282,
0.3159

23.1611, 0.4976,
0.2656

89.3391, 0.3162,
0.3258

■ 21.5834, 0.5281,
0.2720

■ 98.8765, 0.3090,
0.3290

■ 20.9970, 0.5468,
0.2786

Harmonies

Analogous

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



42.6084, 0.3143, 0.2483



42.6084, 0.3815, 0.2845



42.6084, 0.4311, 0.3313

Triad

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



42.6084, 0.3815, 0.2845



42.6084, 0.3643, 0.4498



42.6084, 0.1966, 0.2568

Complementary

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



42.6084, 0.3815, 0.2845



77.9086, 0.2736, 0.3798

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.



42.6084, 0.2065, 0.3086



42.6084, 0.3815, 0.2845



42.6084, 0.3003, 0.4336

Square

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



42.6084, 0.3815, 0.2845



42.6084, 0.4175, 0.4261



42.6084, 0.2429, 0.3771



42.6084, 0.2126, 0.2306

Rectangle

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



42.6084, 0.3815, 0.2845



42.6084, 0.4441, 0.3648



42.6084, 0.2429, 0.3771



42.6084, 0.1969, 0.2713

Sweetspot

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



42.6105, 0.3815, 0.2845



79.4064, 0.3277, 0.3163



38.9854, 0.2806, 0.2103



16.3254, 0.3307, 0.3140



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.



42.6105, 0.3815, 0.2845



38.3329, 0.4029, 0.2764



44.4556, 0.4223, 0.3409



17.3370, 0.3233, 0.3198



11.2670, 0.5426, 0.2763



1.0636, 0.5107, 0.2587

Inverse Universe

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



42.6105, 0.3815, 0.2845



38.3329, 0.4029, 0.2764



73.7598, 0.2517, 0.3163



17.3370, 0.3233, 0.3198



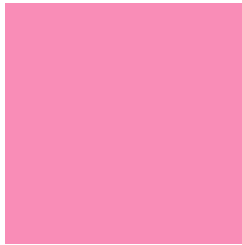
11.2670, 0.5426, 0.2763



1.0636, 0.5107, 0.2587

Previews

White Background



This preview shows how the Yxy color 42.6084, 0.3815, 0.2845 looks on a white background.

Color Contrast Check

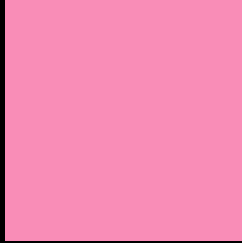
Large Text (above 18pt) WCAG AA × Fail

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 42.6084, 0.3815, 0.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

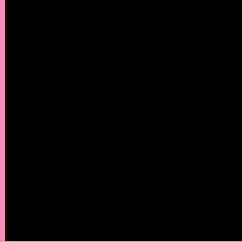
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6084, 0.3815, 0.2845

Background



This preview shows how black text looks on a background with the Yxy color 42.6084, 0.3815, 0.2845.



This preview shows how white text looks on a background with the Yxy color 42.6084, 0.3815, 0.2845.

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

42.6084, 0.3815, 0.2845

Protanopia

43.1299, 0.2867, 0.2910

Deuteranopia

42.9110, 0.3241, 0.3187



Tritanopia

42.5849, 0.4051, 0.3173

Trichromacy



Original Color

42.6084, 0.3815, 0.2845



Protanomaly

41.9683, 0.3174, 0.2869



Deuteranomaly

41.9404, 0.3437, 0.3034



Tritanomaly

42.4738, 0.3971, 0.3055

Monochromacy



Original Color

42.6084, 0.3815, 0.2845



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

43.0429, 0.3360, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6084, 0.3815, 0.2845 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(249, 141, 183)` looks like.

```
.text, #text, p{  
    color:rgb(249, 141, 183)  
}
```

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(249, 141, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 141, 183) }
```

Border

The CSS property to change the border of an element to Yxy 42.6084, 0.3815, 0.2845 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(249, 141, 183) }
```

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

```
.border{ border-color:rgb(249, 141, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 141, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 141, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 141, 183);  
box-shadow:4px 4px 4px 4px rgb(249, 141,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6084, 0.3815, 0.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 141, 183) }
```

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

```
.background{ background-color: rgb(249,  
141, 183) }
```

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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