

Converting Colors

$Yxy(67.6033, 0.3248, 0.2843)$

Have a look what the booklet for
Yxy(67.6033, 0.3248, 0.2843)
contains.

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Color

Yxy(67.6033, 0.3248, 0.2843)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5F2
RGB	255, 197, 242
RGB Percent	100%, 77%, 95%
CMY	0.0000, 0.2274, 0.0511
CMYK	0.00, 0.23, 0.05, 0.00
HSL	313°, 100%, 89%
HSV	313°, 23%, 100%
XYZ	77.2337, 67.6033, 92.9516
YIQ	219.4720, 20.1230, 26.2910

Conversions

Conversions Part 2

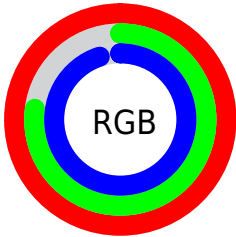
Format	Color
R _Y B	255, 197, 242
Decimal	16762354
CIE Lab	85.81, 27.75, -14.20
CIE LCh	86, 31.174, 332.910
Yxy	67.6033, 0.3248, 0.2843
Android (android.graphics.Color)	4294952434 (0xFFFFC5F2)
YUV	219.4720, 11.1063, 31.1581
Hunter-Lab	82.2212, 23.7852, -9.4728

Details

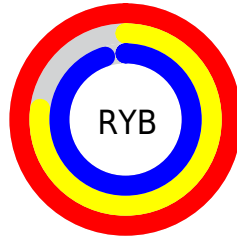
The Yxy color **67.6033, 0.3248, 0.2843** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.0459, 0.3026, 0.3783**, and the grayscale version is **71.0915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **35.1959, 0.3274, 0.2745** is the 20% darker color. If you saturate the color by 10%, you get **56.6457, 0.3314, 0.2642**, and if you desaturate by 10%, it is **80.5286, 0.3190, 0.3044**.

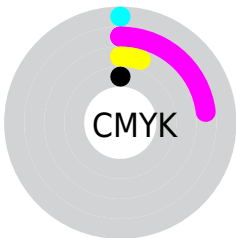
Distribution



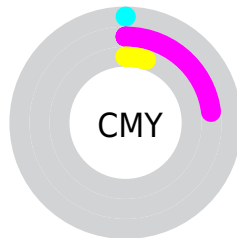
- Red (100%)
- Green (77%)
- Blue (95%)



- Red (100%)
- Yellow (77%)
- Blue (95%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (0%)




- Cyan (0%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.6033, 0.3248, 0.2843 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 67.6033, 0.3248, 0.2843 by changing the saturation by 10% instead.


 67.6033, 0.3248,
0.2843

 67.6033, 0.3248,
0.2843


452.0892, 0.3195,
0.3045

 49.5751, 0.3259,
0.2798


115.7845, 0.3230,
0.2912

 35.0759, 0.3273,
0.2744


146.7062, 0.3223,
0.2939

 23.7213, 0.3290,
0.2675


182.6945, 0.3217,
0.2962

 15.1270, 0.3311,
0.2588

224.1338, 0.3211,
0.2983

 8.9086, 0.3339,
0.2472

271.4086, 0.3207,
0.3001

 4.6816, 0.3375,
0.2311

324.9031, 0.3202,

 2.0617, 0.3425,

0.3017

0.2073

385.0019, 0.3199,
0.3032

0.6429, 0.3513,
0.1646

0.0000, 0.3267,
0.0000

67.6033, 0.3248,
0.2843

67.6033, 0.3248,
0.2843

56.6457, 0.3314,
0.2642

80.5286, 0.3190,
0.3044

47.5598, 0.3389,
0.2447

95.5158, 0.3140,
0.3238

40.2377, 0.3471,
0.2268

100.0000, 0.3127,
0.3290

34.5611, 0.3559,
0.2116

■ 30.3977, 0.3649,
0.2001

■ 27.5944, 0.3740,
0.1930

■ 25.9655, 0.3828,
0.1908

■ 25.3222, 0.3890,
0.1917

Harmonies

Analogous

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



67.6033, 0.2865, 0.2690



67.6033, 0.3248, 0.2843



67.6033, 0.3618, 0.3099

Triad

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



67.6033, 0.3248, 0.2843



67.6033, 0.3692, 0.3927



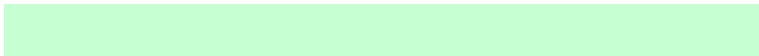
67.6033, 0.2450, 0.3100

Complementary

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



67.6033, 0.3248, 0.2843



88.0459, 0.3026, 0.3783

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.



67.6033, 0.2646, 0.3471



67.6033, 0.3248, 0.2843



67.6033, 0.3358, 0.3975

Square

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



67.6033, 0.3248, 0.2843



67.6033, 0.3880, 0.3710



67.6033, 0.2974, 0.3807



67.6033, 0.2424, 0.2815

Rectangle

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



67.6033, 0.3248, 0.2843



67.6033, 0.3797, 0.3303



67.6033, 0.2974, 0.3807



67.6033, 0.2497, 0.3219

Sweetspot

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



67.6024, 0.3248, 0.2843



88.8795, 0.3160, 0.3156



60.7924, 0.2825, 0.2664



18.8291, 0.3163, 0.3145



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.



67.6024, 0.3248, 0.2843



62.7040, 0.3275, 0.2757



66.0201, 0.3466, 0.3123



18.2264, 0.3173, 0.3108



13.2550, 0.3876, 0.1909



1.3069, 0.3784, 0.1858

Inverse Universe

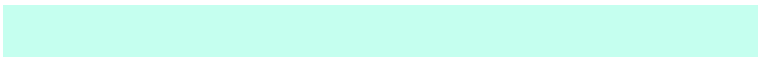
The Inverse Universe completely reimagines the original color for something new.



67.6024, 0.3248, 0.2843



62.7040, 0.3275, 0.2757



89.5972, 0.2873, 0.3465



18.2264, 0.3173, 0.3108



13.2550, 0.3876, 0.1909



1.3069, 0.3784, 0.1858

Previews

White Background



This preview shows how the Yxy color 67.6033, 0.3248, 0.2843 looks on a white background.

Color Contrast Check

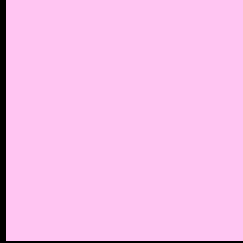
Large Text (above 18pt) WCAG AA × Fail

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 67.6033, 0.3248, 0.2843 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 67.6033, 0.3248, 0.2843

Background



This preview shows how black text looks on a background with the Yxy color 67.6033, 0.3248, 0.2843.



This preview shows how white text looks on a background with the Yxy color 67.6033, 0.3248, 0.2843.

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

67.6033, 0.3248, 0.2843

Protanopia

67.8822, 0.2835, 0.2869

Deuteranopia

67.7395, 0.3027, 0.2960



Tritanopia

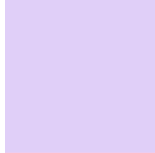
67.4785, 0.3408, 0.3126

Trichromacy



Original Color

67.6033, 0.3248, 0.2843



Protanomaly

67.2503, 0.2974, 0.2858



Deuteranomaly

67.6757, 0.3100, 0.2915



Tritanomaly

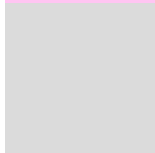
67.6822, 0.3349, 0.3026

Monochromacy



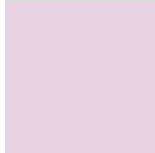
Original Color

67.6033, 0.3248, 0.2843



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

69.2904, 0.3172, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6033, 0.3248, 0.2843 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, 197, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 242)  
}
```

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, 197, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 242) }
```

Border

The CSS property to change the border of an element to Yxy 67.6033, 0.3248, 0.2843 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, 197, 242) }
```

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

```
.border{ border-color:rgb(255, 197, 242) }
```

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

Here you see how a box with a 4 pixel rgb(255, 197, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6033, 0.3248, 0.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 242) }
```

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

```
.background{ background-color: rgb(255,  
197, 242) }
```

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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