

Converting Colors

Yxy(68.9597, 0.3332, 0.3003)

Have a look what the booklet for
Yxy(68.9597, 0.3332, 0.3003)
contains.

Yxy(68.7465, 0.3333, 0.2999)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(68.7465, 0.3333, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9E6
RGB	255, 201, 230
RGB Percent	100%, 79%, 90%
CMY	0.0000, 0.2117, 0.0982
CMYK	0.00, 0.21, 0.10, 0.00
HSL	328°, 100%, 89%
HSV	328°, 21%, 100%
XYZ	76.4028, 68.7465, 84.0821
YIQ	220.4520, 22.8750, 20.4670

Conversions

Conversions Part 2

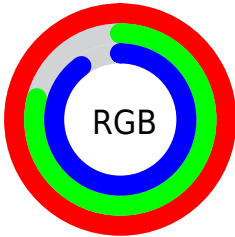
Format	Color
R _Y B	255, 201, 230
Decimal	16763366
CIE Lab	86.38, 23.61, -6.98
CIE LCh	86, 24.623, 343.545
Yxy	68.7465, 0.3333, 0.2999
Android (android.graphics.Color)	4294953446 (0xFFFFC9E6)
YUV	220.4520, 4.7072, 30.2986
Hunter-Lab	82.9135, 19.3849, -2.0862

Details

The Yxy color **68.7465, 0.3333, 0.2999** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.4257, 0.2963, 0.3601**, and the grayscale version is **71.8575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9683, 0.3378, 0.2930** is the 20% darker color. If you saturate the color by 10%, you get **57.1889, 0.3461, 0.2855**, and if you desaturate by 10%, it is **82.3286, 0.3226, 0.3140**.

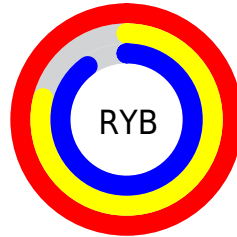
Distribution



Red (100%)

Green (79%)

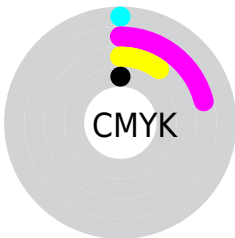
Blue (90%)



Red (100%)

Yellow (79%)

Blue (90%)

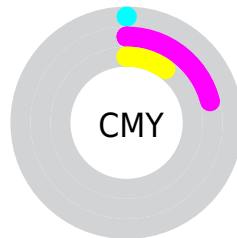


Cyan (0%)

Magenta (21%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (21%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.7465, 0.3333, 0.2999 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 68.7465, 0.3333, 0.2999 by changing the saturation by 10% instead.


 68.7465, 0.3333,
0.2999

 68.7465, 0.3333,
0.2999


456.1364, 0.3238,
0.3132

 50.5053, 0.3354,
0.2969


117.4194, 0.3300,
0.3045

 35.8150, 0.3381,
0.2932

148.6199, 0.3288,
0.3063

 24.2914, 0.3414,
0.2886


184.9090, 0.3277,
0.3078

 15.5499, 0.3458,
0.2826

226.6710, 0.3267,
0.3092

 9.2062, 0.3517,
0.2746

274.2903, 0.3259,
0.3103

 4.8759, 0.3602,
0.2631


328.1514, 0.3251,


 2.1747, 0.3733,

0.3114


0.2457


388.6386, 0.3244,
0.3123


 0.7061, 0.3978,
0.2134

 0.0000, 0.7927,
0.0000


 68.7465, 0.3333,
0.2999


 68.7465, 0.3333,
0.2999

 57.1889, 0.3461,
0.2855


 82.3286, 0.3226,
0.3140

 47.5483, 0.3612,
0.2712

 98.0174, 0.3137,
0.3275

 39.7214, 0.3787,
0.2580

99.9980, 0.3127,
0.3290

 33.5912, 0.3985,
0.2469

■ 29.0270, 0.4200,
0.2391

■ 25.8785, 0.4427,
0.2359

■ 23.9658, 0.4652,
0.2381

■ 23.0581, 0.4844,
0.2442

Harmonies

Analogous

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



68.7465, 0.3025, 0.2843



68.7465, 0.3333, 0.2999



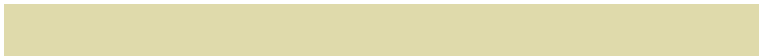
68.7465, 0.3593, 0.3227

Triad

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



68.7465, 0.3333, 0.2999



68.7465, 0.3492, 0.3821



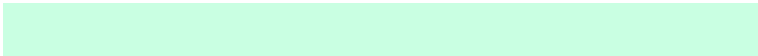
68.7465, 0.2565, 0.3055

Complementary

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



68.7465, 0.3333, 0.2999



89.4257, 0.2963, 0.3601

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.



68.7465, 0.2677, 0.3330



68.7465, 0.3333, 0.2999



68.7465, 0.3206, 0.3794

Square

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



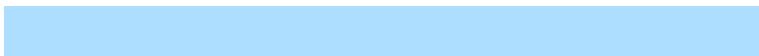
68.7465, 0.3333, 0.2999



68.7465, 0.3684, 0.3698



68.7465, 0.2909, 0.3609



68.7465, 0.2594, 0.2863

Rectangle

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



68.7465, 0.3333, 0.2999



68.7465, 0.3699, 0.3395



68.7465, 0.2909, 0.3609



68.7465, 0.2587, 0.3140

Sweetspot

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



68.7496, 0.3333, 0.2999



90.1753, 0.3178, 0.3211



65.0558, 0.2937, 0.2727



19.0824, 0.3183, 0.3202



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.



68.7496, 0.3333, 0.2999



64.0915, 0.3379, 0.2944



67.3840, 0.3535, 0.3263



18.1500, 0.3210, 0.3163



12.0800, 0.4810, 0.2423



1.1983, 0.4576, 0.2295

Inverse Universe

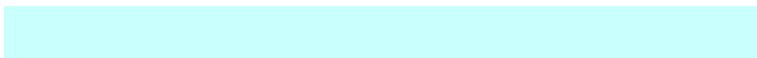
The Inverse Universe completely reimagines the original color for something new.



68.7496, 0.3333, 0.2999



64.0915, 0.3379, 0.2944



90.9795, 0.2825, 0.3317



18.1500, 0.3210, 0.3163



12.0800, 0.4810, 0.2423



1.1983, 0.4576, 0.2295

Previews

White Background



This preview shows how the Yxy color 68.7465, 0.3333, 0.2999 looks on a white background.

Color Contrast Check

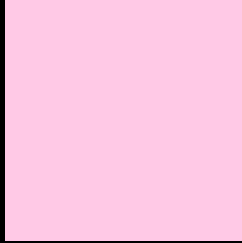
Large Text (above 18pt) WCAG AA × Fail

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 68.7465, 0.3333, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

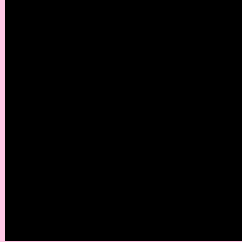
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.7465, 0.3333, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 68.7465, 0.3333, 0.2999.



This preview shows how white text looks on a background with the Yxy color 68.7465, 0.3333, 0.2999.

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

68.7465, 0.3333, 0.2999

Protanopia

69.1290, 0.2963, 0.3030

Deuteranopia

68.8504, 0.3166, 0.3099



Tritanopia

68.8972, 0.3406, 0.3128

Trichromacy



Original Color

68.7465, 0.3333, 0.2999

Protanomaly

68.8073, 0.3089, 0.3015

Deuteranomaly

68.8081, 0.3220, 0.3061

Tritanomaly

68.6396, 0.3377, 0.3077

Monochromacy



Original Color

68.7465, 0.3333, 0.2999

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.2940, 0.3199, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.7465, 0.3333, 0.2999 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, 201, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 230)  
}
```

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, 201, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 230) }
```

Border

The CSS property to change the border of an element to Yxy 68.7465, 0.3333, 0.2999 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, 201, 230) }
```

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

```
.border{ border-color:rgb(255, 201, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 68.7465, 0.3333, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 230) }
```

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

```
.background{ background-color: rgb(255,  
201, 230) }
```

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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