

Converting Colors

Yxy(69.9148, 0.3213, 0.2847)

Have a look what the booklet for
Yxy(69.9148, 0.3213, 0.2847)
contains.

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Color

Yxy(69.6871, 0.3216, 0.2845)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9F6
RGB	255, 201, 246
RGB Percent	100%, 79%, 96%
CMY	0.0000, 0.2118, 0.0353
CMYK	0.00, 0.21, 0.04, 0.00
HSL	310°, 100%, 89%
HSV	310°, 21%, 100%
XYZ	78.7746, 69.6871, 96.4842
YIQ	222.2760, 17.7390, 25.4430

Conversions

Conversions Part 2

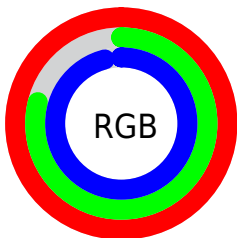
Format	Color
RYB	255, 201, 246
Decimal	16763382
CIELab	86.84, 26.37, -14.78
CIElCh	87, 30.235, 330.725
Yxy	69.6871, 0.3216, 0.2845
Android (android.graphics.Color)	4294953462 (0xFFFFC9F6)
YUV	222.2760, 11.6959, 28.6989
Hunter-Lab	83.4788, 22.3532, -10.0918

Details

The Yxy color **69.6871, 0.3216, 0.2845** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.5881, 0.3050, 0.3780**, and the grayscale version is **73.1509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5909, 0.3231, 0.2749** is the 20% darker color. If you saturate the color by 10%, you get **58.5049, 0.3266, 0.2630**, and if you desaturate by 10%, it is **82.8348, 0.3171, 0.3059**.

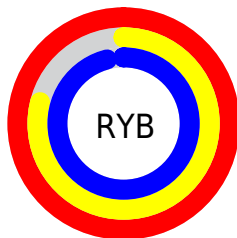
Distribution



Red (100%)

Green (79%)

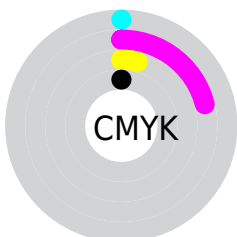
Blue (96%)



Red (100%)

Yellow (79%)

Blue (96%)

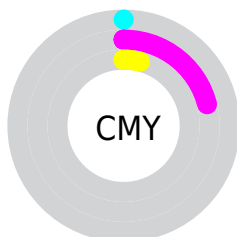


Cyan (0%)

Magenta (21%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (21%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6871, 0.3216, 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 69.6871, 0.3216, 0.2845 by changing the saturation by 10% instead.

 69.6871, 0.3216,
0.2845

 69.6871, 0.3216,
0.2845


459.4506, 0.3178,
0.3045

 51.2715, 0.3224,
0.2801

118.7624, 0.3203,
0.2913

 36.4247, 0.3233,
0.2747


150.1909, 0.3198,
0.2940

 24.7624, 0.3245,
0.2680


186.7259, 0.3194,
0.2963

 15.9001, 0.3259,
0.2595

228.7516, 0.3190,
0.2983

 9.4535, 0.3276,
0.2481

276.6525, 0.3187,
0.3001

 5.0381, 0.3298,
0.2325


330.8131, 0.3183,


 2.2697, 0.3326,

0.3017

0.2096

391.6176, 0.3181,
0.3032


 0.7576, 0.3362,
0.1722


 0.0000, 0.3230,
0.0000


 69.6871, 0.3216,
0.2845

 69.6871, 0.3216,
0.2845

 58.5049, 0.3266,
0.2630


 82.8348, 0.3171,
0.3059

 49.2115, 0.3323,
0.2422

 98.0594, 0.3131,
0.3266

 41.6945, 0.3384,
0.2230

100.0000, 0.3127,
0.3290

 35.8378, 0.3448,
0.2065

■ 31.5115, 0.3513,
0.1935

■ 28.5663, 0.3578,
0.1849

■ 26.8230, 0.3640,
0.1809

■ 26.0385, 0.3692,
0.1807

Harmonies

Analogous

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



69.6871, 0.2851, 0.2707



69.6871, 0.3216, 0.2845



69.6871, 0.3575, 0.3086

Triad

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



69.6871, 0.3216, 0.2845



69.6871, 0.3690, 0.3892



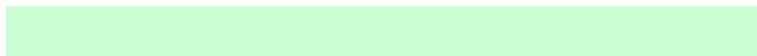
69.6871, 0.2484, 0.3133

Complementary

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



69.6871, 0.3216, 0.2845



88.5881, 0.3050, 0.3780

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.



69.6871, 0.2684, 0.3491



69.6871, 0.3216, 0.2845



69.6871, 0.3376, 0.3951

Square

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



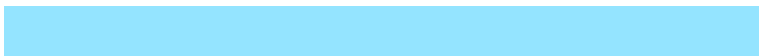
69.6871, 0.3216, 0.2845



69.6871, 0.3855, 0.3676



69.6871, 0.3007, 0.3803



69.6871, 0.2447, 0.2850

Rectangle

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



69.6871, 0.3216, 0.2845



69.6871, 0.3754, 0.3281



69.6871, 0.3007, 0.3803



69.6871, 0.2534, 0.3249

Sweetspot

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



69.6802, 0.3216, 0.2845



90.4605, 0.3150, 0.3167



62.6865, 0.2830, 0.2708



19.1499, 0.3152, 0.3154



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.



69.6802, 0.3216, 0.2845



65.1851, 0.3234, 0.2763



68.1405, 0.3416, 0.3108



18.2453, 0.3164, 0.3094



13.6249, 0.3683, 0.1802



1.3398, 0.3619, 0.1767

Inverse Universe

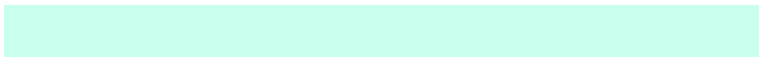
The Inverse Universe completely reimagines the original color for something new.



69.6802, 0.3216, 0.2845



65.1851, 0.3234, 0.2763



90.0497, 0.2904, 0.3481



18.2453, 0.3164, 0.3094



13.6249, 0.3683, 0.1802



1.3398, 0.3619, 0.1767

Previews

White Background



This preview shows how the Yxy color 69.6871, 0.3216, 0.2845 looks on a white background.

Color Contrast Check

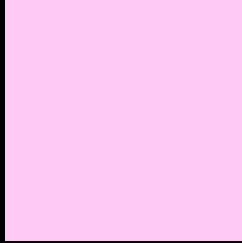
Large Text (above 18pt) WCAG AA × Fail

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 69.6871, 0.3216, 0.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

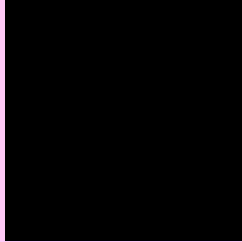
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.6871, 0.3216, 0.2845

Background



This preview shows how black text looks on a background with the Yxy color 69.6871, 0.3216, 0.2845.



This preview shows how white text looks on a background with the Yxy color 69.6871, 0.3216, 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

69.6871, 0.3216, 0.2845

Protanopia

70.0334, 0.2839, 0.2874

Deuteranopia

69.9495, 0.3021, 0.2954



Tritanopia

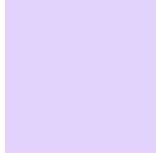
69.5785, 0.3372, 0.3127

Trichromacy



Original Color

69.6871, 0.3216, 0.2845



Protanomaly

69.7856, 0.2963, 0.2863



Deuteranomaly

69.7088, 0.3087, 0.2909



Tritanomaly

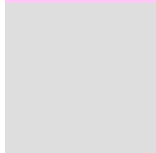
69.7815, 0.3314, 0.3028

Monochromacy



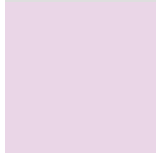
Original Color

69.6871, 0.3216, 0.2845



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

71.3551, 0.3157, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6871, 0.3216, 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(255, 201, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 246) }
```

Border

The CSS property to change the border of an element to Yxy 69.6871, 0.3216, 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(255, 201, 246) }
```

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

```
.border{ border-color:rgb(255, 201, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6871, 0.3216, 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(255, 201, 246) }
```

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

```
.background{ background-color: rgb(255,  
201, 246) }
```

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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