

Converting Colors

Yxy(69.4647, 0.3298, 0.2965)

Have a look what the booklet for
Yxy(69.4647, 0.3298, 0.2965)
contains.

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Color

Yxy(69.4416, 0.3302, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	FFCAEA
RGB	255, 202, 234
RGB Percent	100%, 79%, 92%
CMY	0.0001, 0.2078, 0.0824
CMYK	0.00, 0.21, 0.08, 0.00
HSL	324°, 100%, 90%
HSV	324°, 21%, 100%
XYZ	77.2041, 69.4416, 87.1644
YIQ	221.4950, 21.3160, 21.1880

Conversions

Conversions Part 2

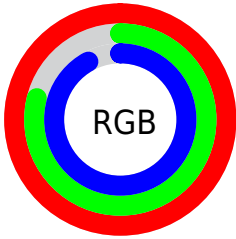
Format	Color
R _Y B	255, 202, 234
Decimal	16763626
CIE Lab	86.72, 23.75, -8.60
CIE LCh	87, 25.260, 340.102
Yxy	69.4416, 0.3302, 0.2970
Android (android.graphics.Color)	4294953706 (0xFFFFCAEA)
YUV	221.4950, 6.1650, 29.3839
Hunter-Lab	83.3316, 19.5442, -3.6849

Details

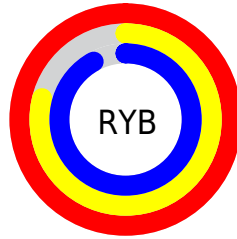
The Yxy color **69.4416, 0.3302, 0.2970** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.3942, 0.2985, 0.3633**, and the grayscale version is **72.6176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3999, 0.3346, 0.2906** is the 20% darker color. If you saturate the color by 10%, you get **57.8858, 0.3411, 0.2809**, and if you desaturate by 10%, it is **83.0135, 0.3210, 0.3128**.

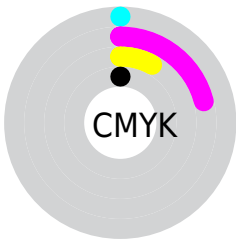
Distribution



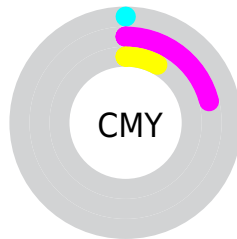
- Red (100%)
- Green (79%)
- Blue (92%)



- Red (100%)
- Yellow (79%)
- Blue (92%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4416, 0.3302, 0.2970 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 69.4416, 0.3302, 0.2970 by changing the saturation by 10% instead.


 69.4416, 0.3302,
0.2970

 69.4416, 0.3302,
0.2970


458.5869, 0.3222,
0.3115

 51.0714, 0.3320,
0.2937


118.4121, 0.3275,
0.3020

 36.2655, 0.3342,
0.2898


149.7812, 0.3264,
0.3039

 24.6393, 0.3370,
0.2848


186.2521, 0.3255,
0.3056

 15.8085, 0.3405,
0.2783

228.2091, 0.3247,
0.3071

 9.3888, 0.3453,
0.2696

276.0368, 0.3239,
0.3084

 4.9956, 0.3521,
0.2575

330.1193, 0.3233,

 2.2447, 0.3625,

0.3096

0.2391

390.8413, 0.3227,
0.3106

0.7442, 0.3808,
0.2068

0.0000, 0.5328,
0.0000

69.4416, 0.3302,
0.2970

69.4416, 0.3302,
0.2970

57.8858, 0.3411,
0.2809

83.0135, 0.3210,
0.3128

48.2394, 0.3538,
0.2650

98.6832, 0.3133,
0.3279

40.3996, 0.3684,
0.2502

99.9961, 0.3127,
0.3290

34.2504, 0.3848,
0.2375

■ 29.6620, 0.4024,
0.2282

■ 26.4856, 0.4209,
0.2233

■ 24.5430, 0.4393,
0.2238

■ 23.5861, 0.4558,
0.2284

Harmonies

Analogous

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



69.4416, 0.2988, 0.2821



69.4416, 0.3302, 0.2970



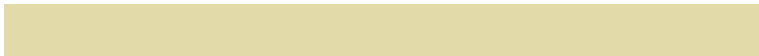
69.4416, 0.3579, 0.3196

Triad

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



69.4416, 0.3302, 0.2970



69.4416, 0.3528, 0.3826



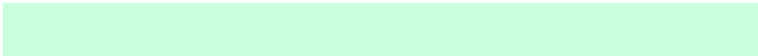
69.4416, 0.2559, 0.3078

Complementary

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



69.4416, 0.3302, 0.2970



89.3942, 0.2985, 0.3633

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.



69.4416, 0.2689, 0.3365



69.4416, 0.3302, 0.2970



69.4416, 0.3243, 0.3818

Square

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



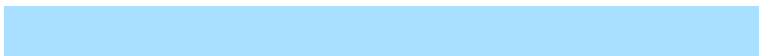
69.4416, 0.3302, 0.2970



69.4416, 0.3710, 0.3685



69.4416, 0.2936, 0.3645



69.4416, 0.2572, 0.2870

Rectangle

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



69.4416, 0.3302, 0.2970



69.4416, 0.3698, 0.3367



69.4416, 0.2936, 0.3645



69.4416, 0.2587, 0.3168

Sweetspot

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



69.4447, 0.3302, 0.2970



90.2392, 0.3171, 0.3201



65.0476, 0.2917, 0.2734



19.0975, 0.3176, 0.3191



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.



69.4447, 0.3302, 0.2970



64.3287, 0.3346, 0.2902



68.0687, 0.3498, 0.3228



18.1713, 0.3199, 0.3147



12.3568, 0.4529, 0.2269



1.2247, 0.4337, 0.2163

Inverse Universe

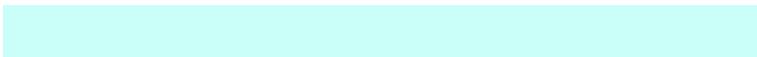
The Inverse Universe completely reimagines the original color for something new.



69.4447, 0.3302, 0.2970



64.3287, 0.3346, 0.2902



90.8930, 0.2848, 0.3354



18.1713, 0.3199, 0.3147



12.3568, 0.4529, 0.2269



1.2247, 0.4337, 0.2163

Previews

White Background



This preview shows how the Yxy color 69.4416, 0.3302, 0.2970 looks on a white background.

Color Contrast Check

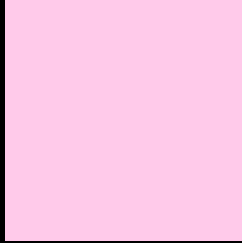
Large Text (above 18pt) WCAG AA × Fail

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 69.4416, 0.3302, 0.2970 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 69.4416, 0.3302, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 69.4416, 0.3302, 0.2970.



This preview shows how white text looks on a background with the Yxy color 69.4416, 0.3302, 0.2970.

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

69.4416, 0.3302, 0.2970

Protanopia

69.8789, 0.2938, 0.2999

Deuteranopia

69.5705, 0.3138, 0.3068



Tritanopia

69.2357, 0.3389, 0.3128

Trichromacy



Original Color

69.4416, 0.3302, 0.2970



Protanomaly

69.5378, 0.3062, 0.2985



Deuteranomaly

69.5202, 0.3191, 0.3031



Tritanomaly

69.2189, 0.3360, 0.3068

Monochromacy



Original Color

69.4416, 0.3302, 0.2970



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

70.9078, 0.3184, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4416, 0.3302, 0.2970 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, 202, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 234)  
}
```

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, 202, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 234) }
```

Border

The CSS property to change the border of an element to Yxy 69.4416, 0.3302, 0.2970 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, 202, 234) }
```

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

```
.border{ border-color:rgb(255, 202, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4416, 0.3302, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 234) }
```

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

```
.background{ background-color: rgb(255,  
202, 234) }
```

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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