

Converting Colors

Yxy(67.9074, 0.3105, 0.2729)

Have a look what the booklet for
Yxy(67.9074, 0.3105, 0.2729)
contains.

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Color

Yxy(68.2066, 0.3109, 0.2734)

Conversions

Conversions Part 1

Format	Color
Hex	F9C7FF
RGB	249, 199, 255
RGB Percent	98%, 78%, 100%
CMY	0.0233, 0.2197, 0.0000
CMYK	0.02, 0.22, 0.00, 0.00
HSL	294°, 100%, 89%
HSV	294°, 22%, 100%
XYZ	77.5619, 68.2066, 103.7070
YIQ	220.3340, 11.8240, 28.0160

Conversions

Conversions Part 2

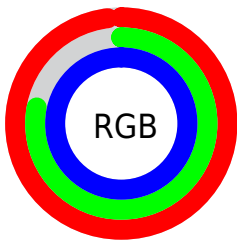
Format	Color
R _{YB}	249, 199, 255
Decimal	16369663
CIE Lab	86.11, 27.11, -20.73
CIE LCh	86, 34.128, 322.601
Yxy	68.2066, 0.3109, 0.2734
Android (android.graphics.Color)	4294559743 (0xFFFF9C7FF)
YUV	220.3340, 17.0903, 25.1401
Hunter-Lab	82.5873, 23.1107, -16.6409

Details

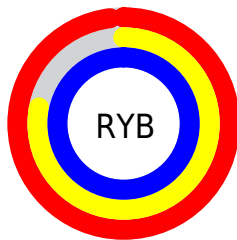
The Yxy color **68.2066, 0.3109, 0.2734** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.6078, 0.3135, 0.3900**, and the grayscale version is **71.6913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5345, 0.3100, 0.2619** is the 20% darker color. If you saturate the color by 10%, you get **56.9496, 0.3096, 0.2476**, and if you desaturate by 10%, it is **81.4391, 0.3119, 0.2992**.

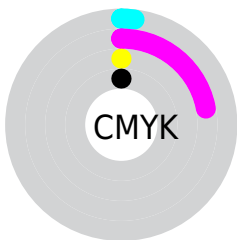
Distribution



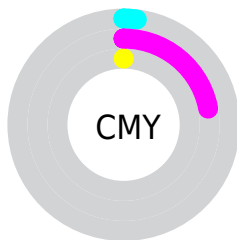
- Red (98%)
- Green (78%)
- Blue (100%)



- Red (98%)
- Yellow (78%)
- Blue (100%)



- Cyan (2%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2066, 0.3109, 0.2734 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 68.2066, 0.3109, 0.2734 by changing the saturation by 10% instead.


 68.2066, 0.3109,
0.2734

 68.2066, 0.3109,
0.2734


454.2277, 0.3122,
0.2982

 50.0658, 0.3105,
0.2680


116.6477, 0.3114,
0.2818

 35.4657, 0.3100,
0.2613


147.7167, 0.3116,
0.2852

 24.0218, 0.3092,
0.2531


183.8640, 0.3118,
0.2881

 15.3498, 0.3081,
0.2427

225.4739, 0.3119,
0.2906

 9.0653, 0.3063,
0.2290

272.9309, 0.3120,
0.2928

 4.7838, 0.3034,
0.2103


326.6192, 0.3121,


 2.1210, 0.2981,

0.2948

0.1834


386.9233, 0.3122,
0.2966


 0.6764, 0.2879,
0.1396


 0.0000, 0.2048,
0.0000

 68.2066, 0.3109,
0.2734


 68.2066, 0.3109,
0.2734

 56.9496, 0.3096,
0.2476


 81.4391, 0.3119,
0.2992

 47.5665, 0.3080,
0.2226

 96.7346, 0.3126,
0.3242

 39.9521, 0.3061,
0.1994

100.0000, 0.3127,
0.3290

 33.9896, 0.3039,
0.1791

■ 29.5476, 0.3014,
0.1626

■ 26.4751, 0.2988,
0.1504

■ 24.5899, 0.2961,
0.1428

■ 23.7160, 0.2939,
0.1393

Harmonies

Analogous

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



68.2066, 0.2716, 0.2616



68.2066, 0.3109, 0.2734



68.2066, 0.3533, 0.2977

Triad

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



68.2066, 0.3109, 0.2734



68.2066, 0.3835, 0.3917



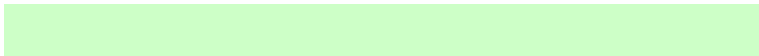
68.2066, 0.2445, 0.3214

Complementary

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



68.2066, 0.3109, 0.2734



88.6078, 0.3135, 0.3900

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.



68.2066, 0.2712, 0.3627



68.2066, 0.3109, 0.2734



68.2066, 0.3513, 0.4048

Square

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



68.2066, 0.3109, 0.2734



68.2066, 0.3967, 0.3636



68.2066, 0.3101, 0.3948



68.2066, 0.2353, 0.2861

Rectangle

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



68.2066, 0.3109, 0.2734



68.2066, 0.3768, 0.3185



68.2066, 0.3101, 0.3948



68.2066, 0.2516, 0.3352

Sweetspot

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



68.2078, 0.3109, 0.2734



88.7787, 0.3123, 0.3118



63.2660, 0.2760, 0.2747



18.8056, 0.3122, 0.3103



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.



68.2078, 0.3109, 0.2734



63.4397, 0.3104, 0.2630



68.0082, 0.3309, 0.2944



18.1970, 0.3121, 0.3055



12.4316, 0.2943, 0.1395



1.2373, 0.2975, 0.1413

Inverse Universe

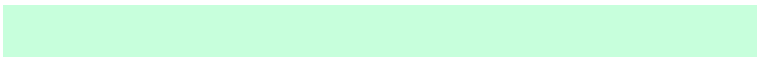
The Inverse Universe completely reimagines the original color for something new.



66.4982, 0.3530, 0.3230



61.4989, 0.3627, 0.3219



88.8498, 0.2981, 0.3664



18.0183, 0.3278, 0.3265



11.1602, 0.6279, 0.3233



1.0964, 0.6058, 0.3111

Previews

White Background



This preview shows how the Yxy color 68.2066, 0.3109, 0.2734 looks on a white background.

Color Contrast Check

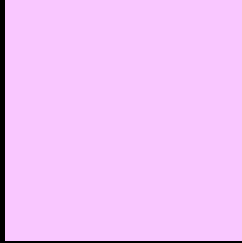
Large Text (above 18pt) WCAG AA × Fail

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 68.2066, 0.3109, 0.2734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

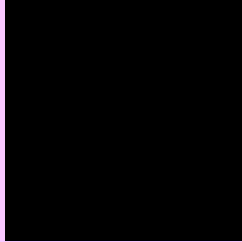
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.2066, 0.3109, 0.2734

Background



This preview shows how black text looks on a background with the Yxy color 68.2066, 0.3109, 0.2734.

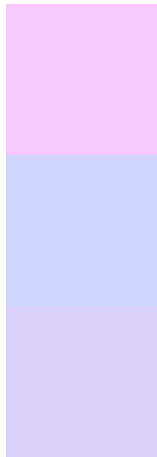


This preview shows how white text looks on a background with the Yxy color 68.2066, 0.3109, 0.2734.

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

68.2066, 0.3109, 0.2734

Protanopia

68.5785, 0.2818, 0.2849

Deuteranopia

68.2451, 0.2908, 0.2836



Tritanopia

68.1162, 0.3311, 0.3124

Trichromacy



Original Color

68.2066, 0.3109, 0.2734



Protanomaly

68.3505, 0.2916, 0.2808



Deuteranomaly

68.1214, 0.2978, 0.2794



Tritanomaly

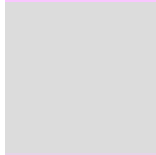
68.1879, 0.3240, 0.2983

Monochromacy



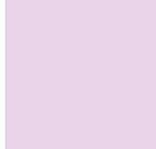
Original Color

68.2066, 0.3109, 0.2734



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

69.9591, 0.3123, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2066, 0.3109, 0.2734 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, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 199, 255)  
}
```

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, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 199, 255) }
```

Border

The CSS property to change the border of an element to Yxy 68.2066, 0.3109, 0.2734 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, 199, 255) }
```

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

```
.border{ border-color:rgb(249, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 199,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2066, 0.3109, 0.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 199, 255) }
```

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

```
.background{ background-color: rgb(249,  
199, 255) }
```

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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