

Converting Colors

Yxy(69.0413, 0.3061, 0.2770)

Have a look what the booklet for
Yxy(69.0413, 0.3061, 0.2770)
contains.

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Color

Yxy(68.9866, 0.3064, 0.2768)

Conversions

Conversions Part 1

Format	Color
Hex	F3CBFF
RGB	243, 203, 255
RGB Percent	95%, 80%, 100%
CMY	0.0471, 0.2039, 0.0001
CMYK	0.05, 0.20, 0.00, 0.00
HSL	286°, 100%, 90%
HSV	286°, 20%, 100%
XYZ	76.3638, 68.9866, 103.8787
YIQ	220.8880, 7.1480, 24.6520

Conversions

Conversions Part 2

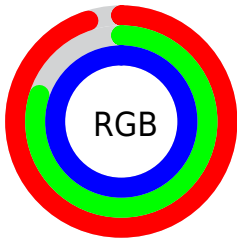
Format	Color
R _Y B	243, 203, 255
Decimal	15977471
CIE Lab	86.50, 23.02, -20.17
CIE LCh	86, 30.607, 318.781
Yxy	68.9866, 0.3064, 0.2768
Android (android.graphics.Color)	4294167551 (0xFFFF3CBFF)
YUV	220.8880, 16.8172, 19.3922
Hunter-Lab	83.0582, 18.7613, -16.0117

Details

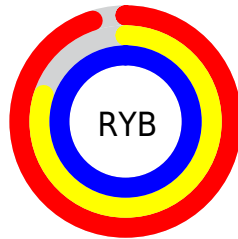
The Yxy color **68.9866, 0.3064, 0.2768** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.2637, 0.3175, 0.3844**, and the grayscale version is **72.1010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0112, 0.3042, 0.2659** is the 20% darker color. If you saturate the color by 10%, you get **56.8908, 0.3023, 0.2499**, and if you desaturate by 10%, it is **83.1023, 0.3098, 0.3031**.

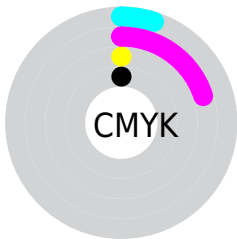
Distribution



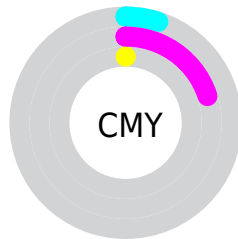
- Red (95%)
- Green (80%)
- Blue (100%)



- Red (95%)
- Yellow (80%)
- Blue (100%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9866, 0.3064, 0.2768 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 68.9866, 0.3064, 0.2768 by changing the saturation by 10% instead.


 68.9866, 0.3064,
0.2768

 68.9866, 0.3064,
0.2768


456.9837, 0.3097,
0.3002

 50.7008, 0.3056,
0.2717


117.7624, 0.3076,
0.2848

 35.9705, 0.3045,
0.2654


149.0213, 0.3081,
0.2879

 24.4114, 0.3030,
0.2576


185.3732, 0.3085,
0.2906

 15.6391, 0.3011,
0.2477

227.2027, 0.3088,
0.2930

 9.2691, 0.2982,
0.2346

274.8941, 0.3091,
0.2951

 4.9172, 0.2938,
0.2167

328.8318, 0.3093,

 2.1987, 0.2864,

0.2970

0.1909

389.4002, 0.3095,
0.2987

0.7193, 0.2724,
0.1492

0.0000, 0.1637,
0.0000

68.9866, 0.3064,
0.2768

68.9866, 0.3064,
0.2768

56.8908, 0.3023,
0.2499

83.1023, 0.3098,
0.3031

46.7089, 0.2976,
0.2231

99.3193, 0.3126,
0.3281

38.3387, 0.2924,
0.1975

99.9986, 0.3127,
0.3290

31.6649, 0.2865,
0.1743

■ 26.5586, 0.2804,
0.1545

■ 22.8722, 0.2741,
0.1389

■ 20.4292, 0.2679,
0.1282

■ 18.9804, 0.2620,
0.1217

Harmonies

Analogous

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



68.9866, 0.2721, 0.2679



68.9866, 0.3064, 0.2768



68.9866, 0.3445, 0.2976

Triad

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



68.9866, 0.3064, 0.2768



68.9866, 0.3788, 0.3828



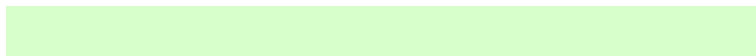
68.9866, 0.2537, 0.3271

Complementary

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



68.9866, 0.3064, 0.2768



90.2637, 0.3175, 0.3844

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.



68.9866, 0.2796, 0.3634



68.9866, 0.3064, 0.2768



68.9866, 0.3519, 0.3961

Square

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



68.9866, 0.3064, 0.2768



68.9866, 0.3877, 0.3568



68.9866, 0.3154, 0.3896



68.9866, 0.2431, 0.2943

Rectangle

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



68.9866, 0.3064, 0.2768



68.9866, 0.3664, 0.3160



68.9866, 0.3154, 0.3896



68.9866, 0.2608, 0.3395

Sweetspot

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



68.9896, 0.3064, 0.2768



89.9608, 0.3111, 0.3142



68.5868, 0.2793, 0.2859



19.0314, 0.3109, 0.3126



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.



68.9896, 0.3064, 0.2768



64.3962, 0.3050, 0.2671



70.3306, 0.3249, 0.2911



18.0769, 0.3101, 0.3053



9.9903, 0.2630, 0.1223



1.0216, 0.2699, 0.1261

Inverse Universe

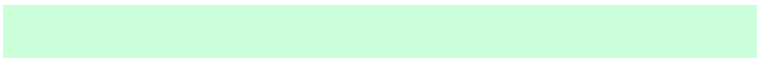
The Inverse Universe completely reimagines the original color for something new.



68.8784, 0.3444, 0.3169



64.3042, 0.3516, 0.3146



89.2066, 0.3024, 0.3701



18.0557, 0.3258, 0.3235



11.2913, 0.5995, 0.3076



1.1153, 0.5685, 0.2906

Previews

White Background



This preview shows how the Yxy color 68.9866, 0.3064, 0.2768 looks on a white background.

Color Contrast Check

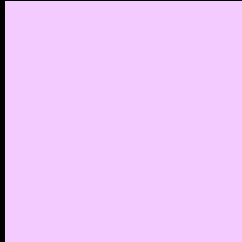
Large Text (above 18pt) WCAG AA × Fail

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 68.9866, 0.3064, 0.2768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

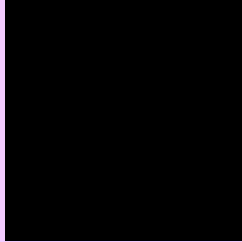
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

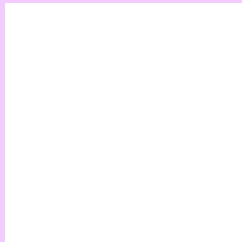
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.9866, 0.3064, 0.2768

Background



This preview shows how black text looks on a background with the Yxy color 68.9866, 0.3064, 0.2768.

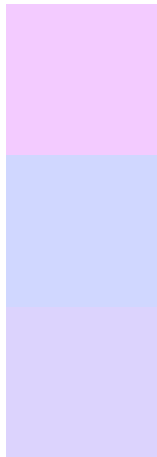


This preview shows how white text looks on a background with the Yxy color 68.9866, 0.3064, 0.2768.

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

68.9866, 0.3064, 0.2768

Protanopia

69.2308, 0.2825, 0.2861

Deuteranopia

68.8960, 0.2916, 0.2848



Tritanopia

68.7251, 0.3233, 0.3112

Trichromacy



Original Color

68.9866, 0.3064, 0.2768

Protanomaly

69.1807, 0.2910, 0.2829

Deuteranomaly

68.7615, 0.2964, 0.2813

Tritanomaly

68.7240, 0.3172, 0.2980

Monochromacy



Original Color

68.9866, 0.3064, 0.2768

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

70.6343, 0.3108, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9866, 0.3064, 0.2768 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(243, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 203, 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(243, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 203, 255) }
```

Border

The CSS property to change the border of an element to Yxy 68.9866, 0.3064, 0.2768 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(243, 203, 255) }
```

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

```
.border{ border-color:rgb(243, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 203, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 203, 255); box-shadow:4px 4px 4px 4px rgb(243, 203, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9866, 0.3064, 0.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 203, 255) }
```

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

```
.background{ background-color: rgb(243,  
203, 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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