

Converting Colors

Yxy(69.0830, 0.2964, 0.2807)

Have a look what the booklet for
Yxy(69.0830, 0.2964, 0.2807)
contains.

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Color

Yxy(68.9898, 0.2964, 0.2805)

Conversions

Conversions Part 1

Format	Color
Hex	E5D0FF
RGB	229, 208, 255
RGB Percent	90%, 82%, 100%
CMY	0.1022, 0.1842, 0.0001
CMYK	0.10, 0.18, 0.00, 0.00
HSL	267°, 100%, 91%
HSV	267°, 18%, 100%
XYZ	72.9005, 68.9898, 104.0627
YIQ	219.6370, -2.5710, 19.0690

Conversions

Conversions Part 2

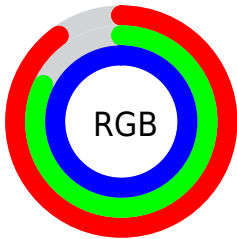
Format	Color
R _Y B	229, 208, 255
Decimal	15061247
CIE Lab	86.50, 15.88, -20.28
CIE LCh	86, 25.759, 308.059
Yxy	68.9898, 0.2964, 0.2805
Android (android.graphics.Color)	4293251327 (0xFFE5D0FF)
YUV	219.6370, 17.4340, 8.2114
Hunter-Lab	83.0601, 11.3113, -16.1400

Details

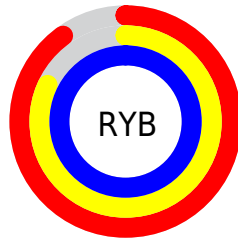
The Yxy color **68.9898, 0.2964, 0.2805** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.5666, 0.3268, 0.3771**, and the grayscale version is **71.1783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0727, 0.2922, 0.2704** is the 20% darker color. If you saturate the color by 10%, you get **55.3087, 0.2855, 0.2513**, and if you desaturate by 10%, it is **84.8649, 0.3058, 0.3078**.

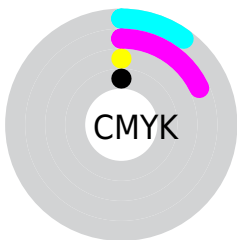
Distribution



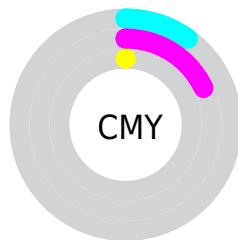
- Red (90%)
- Green (82%)
- Blue (100%)



- Red (90%)
- Yellow (82%)
- Blue (100%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9898, 0.2964, 0.2805 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 68.9898, 0.2964, 0.2805 by changing the saturation by 10% instead.

68.9898, 0.2964,
0.2805

68.9898, 0.2964,
0.2805

456.9950, 0.3042,
0.3024

50.7034, 0.2946,
0.2756

117.7670, 0.2992,
0.2880

35.9726, 0.2922,
0.2697

149.0266, 0.3002,
0.2909

24.4130, 0.2893,
0.2623

185.3794, 0.3011,
0.2935

15.6403, 0.2854,
0.2528

227.2098, 0.3019,
0.2957

9.2700, 0.2799,
0.2403

274.9021, 0.3026,
0.2977

4.9177, 0.2719,
0.2229

328.8408, 0.3032,

2.1991, 0.2591,

0.2994

0.1975

389.4103, 0.3038,
0.3010

0.7195, 0.2367,
0.1558

0.0000, 0.0190,
0.0000

68.9898, 0.2964,
0.2805

68.9898, 0.2964,
0.2805

55.3087, 0.2855,
0.2513

84.8649, 0.3058,
0.3078

43.7132, 0.2733,
0.2208

99.9986, 0.3127,
0.3290

34.0982, 0.2598,
0.1900

26.3463, 0.2454,
0.1605

■ 20.3267, 0.2308,
0.1337

■ 15.8910, 0.2165,
0.1112

■ 12.8646, 0.2034,
0.0945

■ 11.0048, 0.1919,
0.0836

■ 10.7653, 0.1902,
0.0821

Harmonies

Analogous

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



68.9898, 0.2701, 0.2774



68.9898, 0.2964, 0.2805



68.9898, 0.3284, 0.2950

Triad

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



68.9898, 0.2964, 0.2805



68.9898, 0.3730, 0.3679



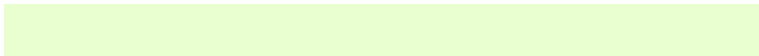
68.9898, 0.2694, 0.3387

Complementary

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



68.9898, 0.2964, 0.2805



93.5666, 0.3268, 0.3771

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.



68.9898, 0.2952, 0.3670



68.9898, 0.2964, 0.2805



68.9898, 0.3554, 0.3832

Square

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



68.9898, 0.2964, 0.2805



68.9898, 0.3739, 0.3438



68.9898, 0.3267, 0.3836



68.9898, 0.2552, 0.3091

Rectangle

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



68.9898, 0.2964, 0.2805



68.9898, 0.3486, 0.3095



68.9898, 0.3267, 0.3836



68.9898, 0.2769, 0.3488

Sweetspot

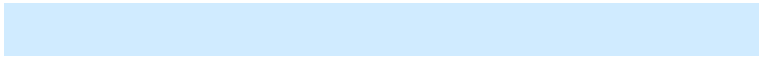
The Sweet Spot groups the original color and five complimentary colors.



68.9927, 0.2964, 0.2805



89.0494, 0.3079, 0.3140



79.8404, 0.2838, 0.3075



18.8159, 0.3074, 0.3124



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.



68.9927, 0.2964, 0.2805



63.8491, 0.2927, 0.2702



73.0124, 0.3126, 0.2828



17.7736, 0.3049, 0.3049



5.7115, 0.1919, 0.0831



0.6197, 0.2044, 0.0900

Inverse Universe

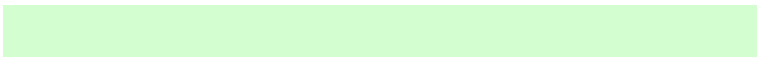
The Inverse Universe completely reimagines the original color for something new.



72.3272, 0.3295, 0.3030



67.7751, 0.3335, 0.2977



89.9345, 0.3123, 0.3793



18.1558, 0.3207, 0.3159



12.1512, 0.4733, 0.2381



1.2051, 0.4510, 0.2258

Previews

White Background



This preview shows how the Yxy color 68.9898, 0.2964, 0.2805 looks on a white background.

Color Contrast Check

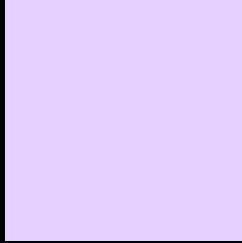
Large Text (above 18pt) WCAG AA × Fail

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 68.9898, 0.2964, 0.2805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

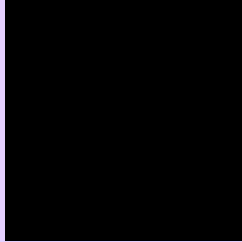
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.9898, 0.2964, 0.2805

Background



This preview shows how black text looks on a background with the Yxy color 68.9898, 0.2964, 0.2805.

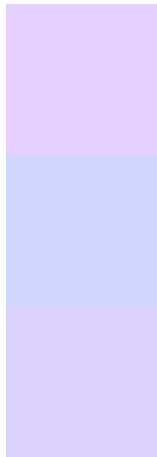


This preview shows how white text looks on a background with the Yxy color 68.9898, 0.2964, 0.2805.

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

68.9898, 0.2964, 0.2805

Protanopia

69.2308, 0.2825, 0.2861

Deuteranopia

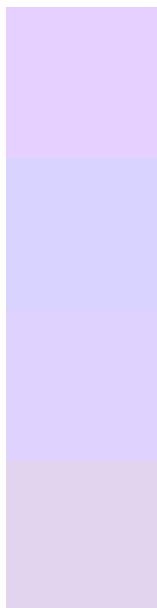
68.8044, 0.2903, 0.2837



Tritanopia

69.2532, 0.3106, 0.3118

Trichromacy



Original Color

68.9898, 0.2964, 0.2805

Protanomaly

68.9059, 0.2877, 0.2835

Deuteranomaly

68.9369, 0.2930, 0.2830

Tritanomaly

68.9303, 0.3054, 0.3003

Monochromacy



Original Color

68.9898, 0.2964, 0.2805

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.6829, 0.3064, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9898, 0.2964, 0.2805 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(229, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 208, 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(229, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 208, 255) }
```

Border

The CSS property to change the border of an element to Yxy 68.9898, 0.2964, 0.2805 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(229, 208, 255) }
```

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

```
.border{ border-color:rgb(229, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 208,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9898, 0.2964, 0.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 208, 255) }
```

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

```
.background{ background-color: rgb(229,  
208, 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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