

Converting Colors

$Yxy(69.0905, 0.2906, 0.2846)$

Have a look what the booklet for
Yxy(69.0905, 0.2906, 0.2846)
contains.

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Color

Yxy(69.3028, 0.2903, 0.2848)

Conversions

Conversions Part 1

Format	Color
Hex	DBD4FE
RGB	219, 212, 254
RGB Percent	86%, 83%, 100%
CMY	0.1412, 0.1686, 0.0040
CMYK	0.14, 0.17, 0.00, 0.00
HSL	250°, 95%, 91%
HSV	250°, 17%, 100%
XYZ	70.6412, 69.3028, 103.3945
YIQ	218.8810, -9.3100, 14.5460

Conversions

Conversions Part 2

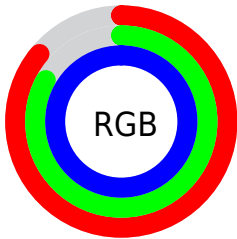
Format	Color
RYB	219, 212, 254
Decimal	14406910
CIELab	86.65, 10.43, -19.59
CIElCh	87, 22.198, 298.039
Yxy	69.3028, 0.2903, 0.2848
Android (android.graphics.Color)	4292596990 (0xFFD4BD4FE)
YUV	218.8810, 17.3137, 0.1044
Hunter-Lab	83.2483, 5.7834, -15.3645

Details

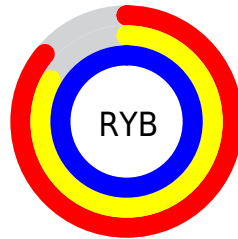
The Yxy color **69.3028, 0.2903, 0.2848** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.3911, 0.3330, 0.3708**, and the grayscale version is **70.6349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0377, 0.2852, 0.2745** is the 20% darker color. If you saturate the color by 10%, you get **54.5131, 0.2742, 0.2541**, and if you desaturate by 10%, it is **86.5129, 0.3045, 0.3126**.

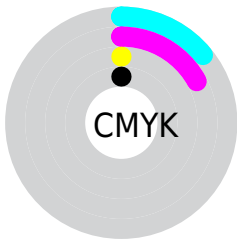
Distribution



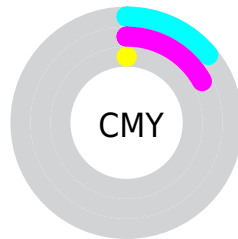
- Red (86%)
- Green (83%)
- Blue (100%)



- Red (86%)
- Yellow (83%)
- Blue (100%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3028, 0.2903, 0.2848 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 69.3028, 0.2903, 0.2848 by changing the saturation by 10% instead.

69.3028, 0.2903,
0.2848

69.3028, 0.2903,
0.2848

458.0982, 0.3009,
0.3049

50.9584, 0.2879,
0.2803

118.2140, 0.2940,
0.2917

36.1755, 0.2848,
0.2748

149.5495, 0.2954,
0.2944

24.5697, 0.2810,
0.2679

185.9841, 0.2966,
0.2967

15.7568, 0.2759,
0.2591

227.9023, 0.2977,
0.2988

9.3522, 0.2689,
0.2472

275.6884, 0.2986,
0.3006

4.9716, 0.2589,
0.2308

329.7268, 0.2995,

2.2306, 0.2431,

0.3022

0.2064

390.4019, 0.3002,
0.3036

■ 0.7366, 0.2161,
0.1658

■ 0.0000, 0.0000,
0.0000

■ 69.3028, 0.2903,
0.2848

■ 69.3028, 0.2903,
0.2848

■ 54.5131, 0.2742,
0.2541

■ 86.5129, 0.3045,
0.3126

■ 42.0264, 0.2564,
0.2212

99.9339, 0.3133,
0.3300

■ 31.7285, 0.2373,
0.1869

■ 23.4918, 0.2177,
0.1531

■ 17.1756, 0.1987,
0.1221

■ 12.6212, 0.1818,
0.0960

■ 9.6438, 0.1681,
0.0770

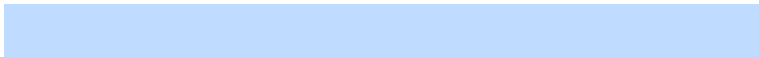
■ 8.0148, 0.1586,
0.0659

■ 7.6522, 0.1561,
0.0634

Harmonies

Analogous

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



69.3028, 0.2704, 0.2859



69.3028, 0.2903, 0.2848



69.3028, 0.3170, 0.2943

Triad

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



69.3028, 0.2903, 0.2848



69.3028, 0.3665, 0.3565



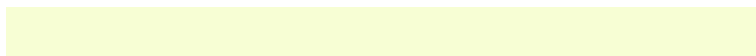
69.3028, 0.2819, 0.3461

Complementary

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



69.3028, 0.2903, 0.2848



95.3911, 0.3330, 0.3708

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.



69.3028, 0.3067, 0.3676



69.3028, 0.2903, 0.2848



69.3028, 0.3560, 0.3726

Square

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



69.3028, 0.2903, 0.2848



69.3028, 0.3620, 0.3345



69.3028, 0.3338, 0.3773



69.3028, 0.2657, 0.3202

Rectangle

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



69.3028, 0.2903, 0.2848



69.3028, 0.3353, 0.3055



69.3028, 0.3338, 0.3773



69.3028, 0.2895, 0.3542

Sweetspot

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



69.3057, 0.2903, 0.2848



90.1730, 0.3065, 0.3165



88.0891, 0.2874, 0.3224



19.0162, 0.3056, 0.3147



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.



69.3057, 0.2903, 0.2848



64.4758, 0.2849, 0.2744



72.6466, 0.3043, 0.2866



17.5230, 0.3005, 0.3046



4.0771, 0.1571, 0.0639



0.4359, 0.1661, 0.0689

Inverse Universe

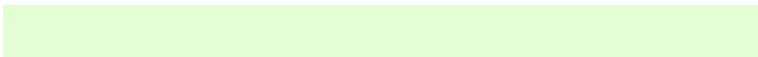
The Inverse Universe completely reimagines the original color for something new.



74.8722, 0.3194, 0.2945



71.1309, 0.3210, 0.2870



91.9012, 0.3199, 0.3726



18.2454, 0.3164, 0.3094



13.6263, 0.3682, 0.1802



1.3399, 0.3619, 0.1767

Previews

White Background



This preview shows how the Yxy color 69.3028, 0.2903, 0.2848 looks on a white background.

Color Contrast Check

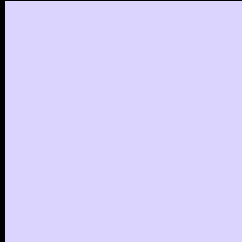
Large Text (above 18pt) WCAG AA × Fail

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 69.3028, 0.2903, 0.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

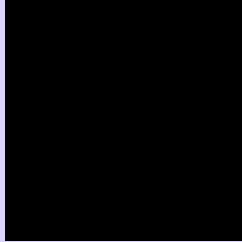
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3028, 0.2903, 0.2848

Background



This preview shows how black text looks on a background with the Yxy color 69.3028, 0.2903, 0.2848.

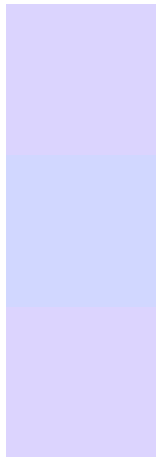


This preview shows how white text looks on a background with the Yxy color 69.3028, 0.2903, 0.2848.

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

69.3028, 0.2903, 0.2848

Protanopia

69.3762, 0.2832, 0.2862

Deuteranopia

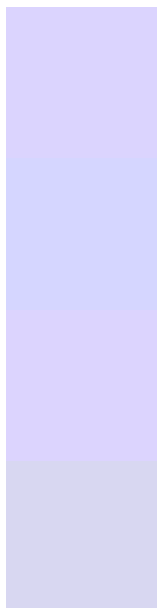
69.4584, 0.2910, 0.2849



Tritanopia

69.4420, 0.3008, 0.3105

Trichromacy



Original Color

69.3028, 0.2903, 0.2848

Protanomaly

69.4593, 0.2858, 0.2854

Deuteranomaly

69.4584, 0.2910, 0.2849

Tritanomaly

69.5507, 0.2964, 0.3010

Monochromacy



Original Color

69.3028, 0.2903, 0.2848

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.9980, 0.3043, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3028, 0.2903, 0.2848 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(219, 212, 254)` looks like.

```
.text, #text, p{  
    color:rgb(219, 212, 254)  
}
```

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(219, 212, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 212, 254) }
```

Border

The CSS property to change the border of an element to Yxy 69.3028, 0.2903, 0.2848 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(219, 212, 254) }
```

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

```
.border{ border-color:rgb(219, 212, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 212, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 212, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 212, 254);  
box-shadow:4px 4px 4px 4px rgb(219, 212,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3028, 0.2903, 0.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 212, 254) }
```

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

```
.background{ background-color: rgb(219,  
212, 254) }
```

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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