

Converting Colors

$Yxy(69.3195, 0.2902, 0.2835)$

Have a look what the booklet for
Yxy(69.3195, 0.2902, 0.2835)
contains.

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Color

Yxy(69.5226, 0.2903, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	DCD4FF
RGB	220, 212, 255
RGB Percent	86%, 83%, 100%
CMY	0.1376, 0.1685, 0.0000
CMYK	0.14, 0.17, 0.00, 0.00
HSL	251°, 100%, 92%
HSV	251°, 17%, 100%
XYZ	71.0899, 69.5226, 104.2717
YIQ	219.2940, -9.0350, 15.0690

Conversions

Conversions Part 2

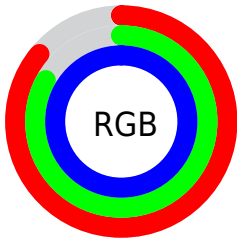
Format	Color
R _Y B	220, 212, 255
Decimal	14472447
CIE Lab	86.76, 10.92, -19.96
CIE LCh	87, 22.754, 298.693
Yxy	69.5226, 0.2903, 0.2839
Android (android.graphics.Color)	4292662527 (0xFFD4CD4FF)
YUV	219.2940, 17.6031, 0.6192
Hunter-Lab	83.3802, 6.2735, -15.7793

Details

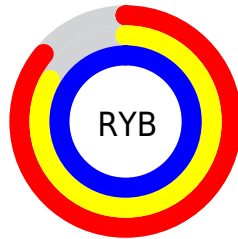
The Yxy color **69.5226, 0.2903, 0.2839** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.0613, 0.3329, 0.3717**, and the grayscale version is **70.9283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1905, 0.2853, 0.2734** is the 20% darker color. If you saturate the color by 10%, you get **54.7188, 0.2745, 0.2533**, and if you desaturate by 10%, it is **86.7497, 0.3042, 0.3117**.

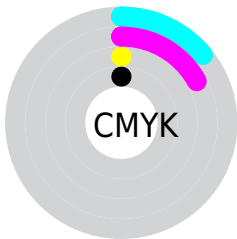
Distribution



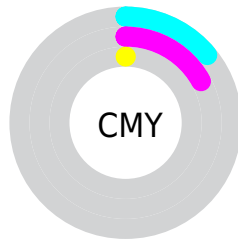
- Red (86%)
- Green (83%)
- Blue (100%)



- 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 69.5226, 0.2903, 0.2839 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 69.5226, 0.2903, 0.2839 by changing the saturation by 10% instead.

69.5226, 0.2903,
0.2839

69.5226, 0.2903,
0.2839

458.8720, 0.3009,
0.3044

51.1374, 0.2879,
0.2793

118.5277, 0.2940,
0.2909

36.3180, 0.2848,
0.2737

149.9164, 0.2954,
0.2937

24.6799, 0.2810,
0.2667

186.4084, 0.2966,
0.2961

15.8387, 0.2759,
0.2578

228.3882, 0.2977,
0.2981

9.4101, 0.2689,
0.2458

276.2400, 0.2986,
0.3000

5.0096, 0.2589,
0.2292

330.3483, 0.2995,

2.2529, 0.2432,

0.3016

0.2046

391.0975, 0.3002,
0.3031

■ 0.7486, 0.2162,
0.1642

■ 0.0000, 0.0000,
0.0000

■ 69.5226, 0.2903,
0.2839

■ 69.5226, 0.2903,
0.2839

■ 54.7188, 0.2745,
0.2533

■ 86.7497, 0.3042,
0.3117

■ 42.2206, 0.2569,
0.2204

99.9994, 0.3127,
0.3290

■ 31.9133, 0.2381,
0.1863

■ 23.6691, 0.2187,
0.1528

■ 17.3465, 0.2000,
0.1220

■ 12.7862, 0.1831,
0.0962

■ 9.8021, 0.1694,
0.0774

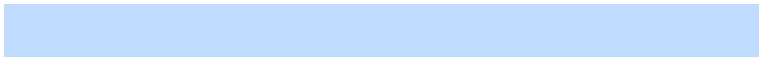
■ 8.1621, 0.1597,
0.0664

■ 7.8203, 0.1573,
0.0640

Harmonies

Analogous

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



69.5226, 0.2697, 0.2848



69.5226, 0.2903, 0.2839



69.5226, 0.3177, 0.2939

Triad

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



69.5226, 0.2903, 0.2839



69.5226, 0.3678, 0.3575



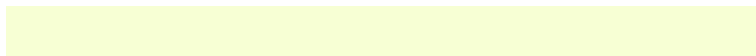
69.5226, 0.2807, 0.3459

Complementary

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



69.5226, 0.2903, 0.2839



96.0613, 0.3329, 0.3717

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.



69.5226, 0.3059, 0.3682



69.5226, 0.2903, 0.2839



69.5226, 0.3566, 0.3739

Square

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



69.5226, 0.2903, 0.2839



69.5226, 0.3635, 0.3351



69.5226, 0.3337, 0.3784



69.5226, 0.2644, 0.3194

Rectangle

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



69.5226, 0.2903, 0.2839



69.5226, 0.3364, 0.3054



69.5226, 0.3337, 0.3784



69.5226, 0.2884, 0.3543

Sweetspot

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



69.5255, 0.2903, 0.2839



90.2125, 0.3066, 0.3165



87.8130, 0.2868, 0.3208



19.0257, 0.3057, 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.



69.5255, 0.2903, 0.2839



64.6074, 0.2855, 0.2745



73.0906, 0.3051, 0.2859



17.5382, 0.3007, 0.3046



4.1324, 0.1584, 0.0646



0.4434, 0.1678, 0.0698

Inverse Universe

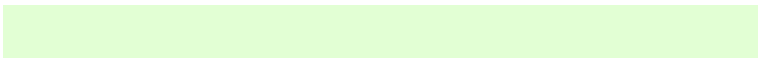
The Inverse Universe completely reimagines the original color for something new.



75.0820, 0.3200, 0.2945



71.0768, 0.3216, 0.2879



92.3792, 0.3191, 0.3736



18.2397, 0.3166, 0.3098



13.5128, 0.3738, 0.1833



1.3299, 0.3667, 0.1793

Previews

White Background



This preview shows how the Yxy color 69.5226, 0.2903, 0.2839 looks on a white background.

Color Contrast Check

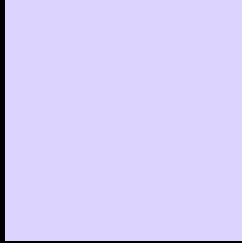
Large Text (above 18pt) WCAG AA × Fail

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 69.5226, 0.2903, 0.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

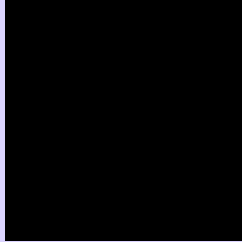
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5226, 0.2903, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 69.5226, 0.2903, 0.2839.

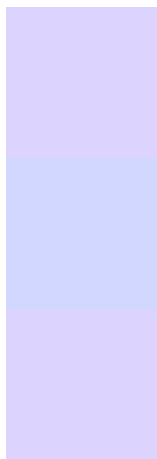


This preview shows how white text looks on a background with the Yxy color 69.5226, 0.2903, 0.2839.

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

69.5226, 0.2903, 0.2839

Protanopia

69.3762, 0.2832, 0.2862

Deuteranopia

69.5226, 0.2903, 0.2839



Tritanopia

69.5939, 0.3015, 0.3105

Trichromacy



Original Color

69.5226, 0.2903, 0.2839

Protanomaly

69.4593, 0.2858, 0.2854

Deuteranomaly

69.5226, 0.2903, 0.2839

Tritanomaly

69.7035, 0.2971, 0.3010

Monochromacy



Original Color

69.5226, 0.2903, 0.2839

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 69.5226, 0.2903, 0.2839 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(220, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 212, 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(220, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 212, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.5226, 0.2903, 0.2839 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(220, 212, 255) }
```

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

```
.border{ border-color:rgb(220, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 212,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5226, 0.2903, 0.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 212, 255) }
```

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

```
.background{ background-color: rgb(220,  
212, 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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