

Converting Colors

$Yxy(67.7846, 0.2904, 0.2903)$

Have a look what the booklet for
Yxy(67.7846, 0.2904, 0.2903)
contains.

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Color

Yxy(67.9485, 0.2905, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	D5D4F7
RGB	213, 212, 247
RGB Percent	84%, 83%, 97%
CMY	0.1649, 0.1685, 0.0313
CMYK	0.14, 0.14, 0.00, 0.03
HSL	242°, 69%, 90%
HSV	242°, 14%, 97%
XYZ	67.7619, 67.9485, 97.5491
YIQ	216.2890, -10.6390, 11.0970

Conversions

Conversions Part 2

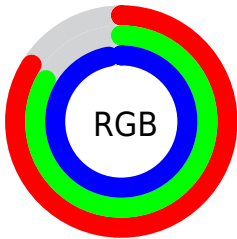
Format	Color
R _{YB}	213, 212, 247
Decimal	14013687
CIE Lab	85.98, 7.10, -16.98
CIE LCh	86, 18.400, 292.688
Yxy	67.9485, 0.2905, 0.2913
Android (android.graphics.Color)	4292203767 (0xFFD5D4F7)
YUV	216.2890, 15.1405, -2.8845
Hunter-Lab	82.4309, 2.4810, -12.4625

Details

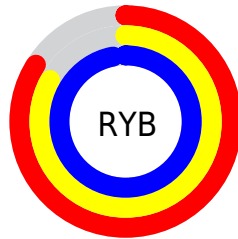
The Yxy color $67.9485, 0.2905, 0.2913$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $90.8926, 0.3334, 0.3642$, and the grayscale version is $68.7740, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.1446, 0.2847, 0.2814$ is the 20% darker color. If you saturate the color by 10%, you get $53.1981, 0.2723, 0.2606$, and if you desaturate by 10%, it is $85.1269, 0.3066, 0.3186$.

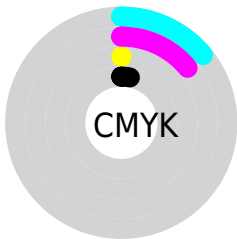
Distribution



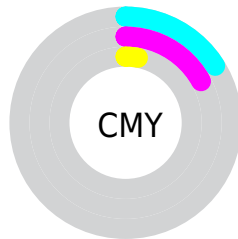
- Red (84%)
- Green (83%)
- Blue (97%)



- Red (84%)
- Yellow (83%)
- Blue (97%)



- Cyan (14%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9485, 0.2905, 0.2913 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 67.9485, 0.2905, 0.2913 by changing the saturation by 10% instead.

■ 67.9485, 0.2905,
0.2913

■ 67.9485, 0.2905,
0.2913

453.3135, 0.3009,
0.3086

■ 49.8558, 0.2881,
0.2874

116.2785, 0.2942,
0.2973

■ 35.2989, 0.2851,
0.2826

147.2846, 0.2956,
0.2996

■ 23.8932, 0.2812,
0.2765

183.3639, 0.2968,
0.3016

■ 15.2544, 0.2762,
0.2686

224.9009, 0.2978,
0.3034

■ 8.9981, 0.2693,
0.2580

272.2800, 0.2988,
0.3049

■ 4.7400, 0.2592,
0.2430

325.8855, 0.2996,

■ 2.0955, 0.2433,

0.3063

0.2202

386.1019, 0.3003,
0.3075

0.6621, 0.2161,
0.1783

0.0000, 0.0000,
0.0000

67.9485, 0.2905,
0.2913

67.9485, 0.2905,
0.2913

53.1981, 0.2723,
0.2606

85.1269, 0.3066,
0.3186

40.7583, 0.2523,
0.2270

99.4962, 0.3173,
0.3366

30.5146, 0.2311,
0.1916

22.3394, 0.2098,
0.1561

■ 16.0922, 0.1898,
0.1231

■ 11.6147, 0.1728,
0.0954

■ 8.7237, 0.1602,
0.0752

■ 7.1961, 0.1528,
0.0637

■ 6.7584, 0.1506,
0.0603

Harmonies

Analogous

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



67.9485, 0.2751, 0.2941



67.9485, 0.2905, 0.2913



67.9485, 0.3123, 0.2978

Triad

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



67.9485, 0.2905, 0.2913



67.9485, 0.3578, 0.3492



67.9485, 0.2903, 0.3469

Complementary

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



67.9485, 0.2905, 0.2913



90.8926, 0.3334, 0.3642

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.



67.9485, 0.3119, 0.3632



67.9485, 0.2905, 0.2913



67.9485, 0.3512, 0.3637

Square

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



67.9485, 0.2905, 0.2913



67.9485, 0.3518, 0.3303



67.9485, 0.3342, 0.3693



67.9485, 0.2750, 0.3257

Rectangle

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



67.9485, 0.2905, 0.2913



67.9485, 0.3276, 0.3065



67.9485, 0.3342, 0.3693



67.9485, 0.2970, 0.3532

Sweetspot

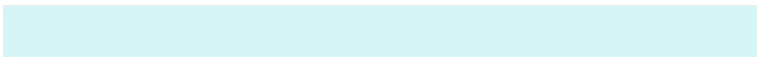
The Sweet Spot groups the original color and five complimentary colors.



67.9513, 0.2905, 0.2913



91.8289, 0.3069, 0.3190



86.8896, 0.2911, 0.3283



19.3367, 0.3057, 0.3171



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.



67.9513, 0.2905, 0.2913



68.2479, 0.2855, 0.2829



70.6528, 0.3024, 0.2926



15.9476, 0.2983, 0.3045



3.5833, 0.1508, 0.0604



0.3222, 0.1529, 0.0616

Inverse Universe

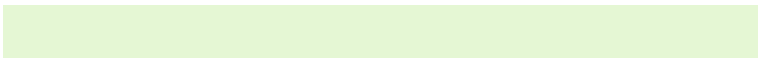
The Inverse Universe completely reimagines the original color for something new.



73.5328, 0.3150, 0.2948



75.3185, 0.3155, 0.2878



87.9311, 0.3219, 0.3655



16.7603, 0.3142, 0.3063



13.8033, 0.3276, 0.1579



1.2155, 0.3267, 0.1574

Previews

White Background



This preview shows how the Yxy color 67.9485, 0.2905, 0.2913 looks on a white background.

Color Contrast Check

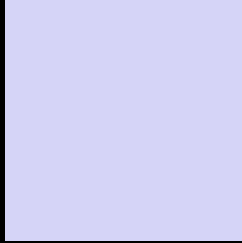
Large Text (above 18pt) WCAG AA × Fail

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 67.9485, 0.2905, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

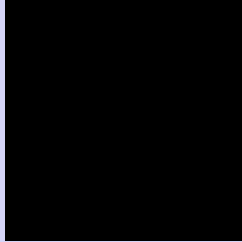
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9485, 0.2905, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 67.9485, 0.2905, 0.2913.

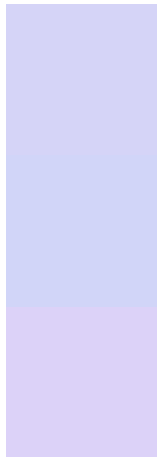


This preview shows how white text looks on a background with the Yxy color 67.9485, 0.2905, 0.2913.

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

67.9485, 0.2905, 0.2913

Protanopia

67.9211, 0.2873, 0.2911

Deuteranopia

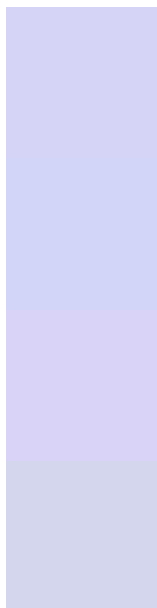
68.0861, 0.2947, 0.2887



Tritanopia

68.1287, 0.2980, 0.3102

Trichromacy



Original Color

67.9485, 0.2905, 0.2913

Protanomaly

68.0674, 0.2879, 0.2912

Deuteranomaly

68.1176, 0.2926, 0.2895

Tritanomaly

68.0564, 0.2955, 0.3038

Monochromacy



Original Color

67.9485, 0.2905, 0.2913

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5940, 0.3047, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9485, 0.2905, 0.2913 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(213, 212, 247)` looks like.

```
.text, #text, p{  
    color:rgb(213, 212, 247)  
}
```

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(213, 212, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 212, 247) }
```

Border

The CSS property to change the border of an element to Yxy 67.9485, 0.2905, 0.2913 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(213, 212, 247) }
```

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

```
.border{ border-color:rgb(213, 212, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 212, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 212, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 212, 247);  
box-shadow:4px 4px 4px 4px rgb(213, 212,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9485, 0.2905, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 212, 247) }
```

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

```
.background{ background-color: rgb(213,  
212, 247) }
```

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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