

Converting Colors

Yxy(67.5053, 0.2894, 0.2852)

Have a look what the booklet for
Yxy(67.5053, 0.2894, 0.2852)
contains.

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Color

Yxy(67.5053, 0.2894, 0.2852)

Conversions

Conversions Part 1

Format	Color
Hex	D7D2FB
RGB	215, 210, 251
RGB Percent	84%, 82%, 98%
CMY	0.1566, 0.1765, 0.0157
CMYK	0.14, 0.16, 0.00, 0.02
HSL	247°, 84%, 90%
HSV	247°, 16%, 98%
XYZ	68.4994, 67.5053, 100.6899
YIQ	216.1690, -10.1810, 13.8110

Conversions

Conversions Part 2

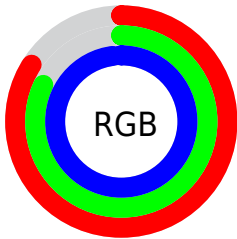
Format	Color
R _Y B	215, 210, 251
Decimal	14144251
CIE Lab	85.76, 9.67, -19.41
CIE LCh	86, 21.682, 296.485
Yxy	67.5053, 0.2894, 0.2852
Android (android.graphics.Color)	4292334331 (0xFFD7D2FB)
YUV	216.1690, 17.1717, -1.0252
Hunter-Lab	82.1616, 5.0354, -15.1474

Details

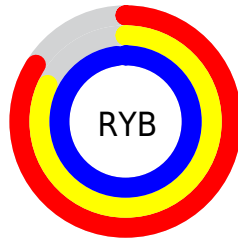
The Yxy color $67.5053, 0.2894, 0.2852$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $93.2277, 0.3339, 0.3702$, and the grayscale version is $68.6844, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.1456, 0.2840, 0.2763$ is the 20% darker color. If you saturate the color by 10%, you get $52.9629, 0.2726, 0.2544$, and if you desaturate by 10%, it is $84.4444, 0.3043, 0.3130$.

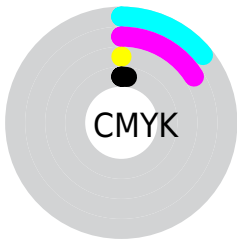
Distribution



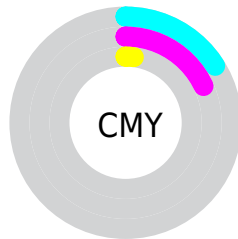
- Red (84%)
- Green (82%)
- Blue (98%)



- Red (84%)
- Yellow (82%)
- Blue (98%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.5053, 0.2894, 0.2852 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 67.5053, 0.2894, 0.2852 by changing the saturation by 10% instead.

67.5053, 0.2894,
0.2852

67.5053, 0.2894,
0.2852

451.7413, 0.3004,
0.3052

49.4954, 0.2868,
0.2807

115.6442, 0.2933,
0.2921

35.0126, 0.2837,
0.2752

146.5419, 0.2947,
0.2948

23.6726, 0.2796,
0.2682

182.5043, 0.2960,
0.2971

15.0909, 0.2743,
0.2593

223.9159, 0.2971,
0.2992

8.8832, 0.2669,
0.2473

271.1610, 0.2981,
0.3009

4.6651, 0.2562,
0.2304

324.6240, 0.2990,

2.0521, 0.2394,

0.3025

0.2053

384.6893, 0.2997,
0.3040

0.6375, 0.2110,
0.1598

0.0000, 0.0000,
0.0000

67.5053, 0.2894,
0.2852

67.5053, 0.2894,
0.2852

52.9629, 0.2726,
0.2544

84.4444, 0.3043,
0.3130

40.7005, 0.2540,
0.2210

99.7454, 0.3150,
0.3328

30.6048, 0.2341,
0.1864

22.5488, 0.2140,
0.1521

■ 16.3927, 0.1947,
0.1206

■ 11.9786, 0.1778,
0.0944

■ 9.1230, 0.1647,
0.0754

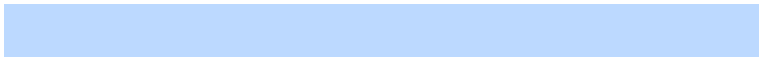
■ 7.5996, 0.1559,
0.0646

■ 7.2589, 0.1537,
0.0621

Harmonies

Analogous

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



67.5053, 0.2702, 0.2869



67.5053, 0.2894, 0.2852



67.5053, 0.3155, 0.2941

Triad

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



67.5053, 0.2894, 0.2852



67.5053, 0.3659, 0.3551



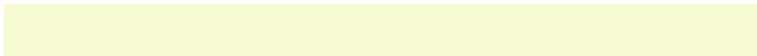
67.5053, 0.2835, 0.3471

Complementary

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



67.5053, 0.2894, 0.2852



93.2277, 0.3339, 0.3702

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.



67.5053, 0.3082, 0.3678



67.5053, 0.2894, 0.2852



67.5053, 0.3562, 0.3714

Square

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



67.5053, 0.2894, 0.2852



67.5053, 0.3607, 0.3332



67.5053, 0.3348, 0.3766



67.5053, 0.2669, 0.3217

Rectangle

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



67.5053, 0.2894, 0.2852



67.5053, 0.3336, 0.3049



67.5053, 0.3348, 0.3766



67.5053, 0.2910, 0.3550

Sweetspot

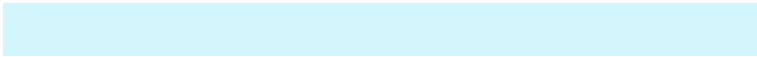
The Sweet Spot groups the original color and five complimentary colors.



67.5081, 0.2894, 0.2852



90.0762, 0.3061, 0.3165



86.7097, 0.2877, 0.3239



18.9927, 0.3052, 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.



67.5081, 0.2894, 0.2852



64.1556, 0.2834, 0.2742



70.7599, 0.3034, 0.2870



16.7462, 0.2998, 0.3046



3.8482, 0.1545, 0.0625



0.3881, 0.1626, 0.0669

Inverse Universe

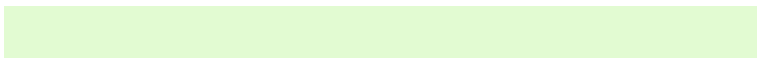
The Inverse Universe completely reimagines the original color for something new.



73.2435, 0.3181, 0.2933



71.2648, 0.3195, 0.2850



89.7718, 0.3207, 0.3719



17.4853, 0.3157, 0.3085



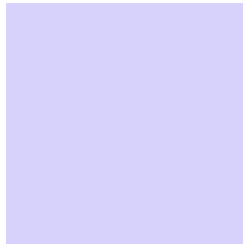
13.5075, 0.3550, 0.1729



1.2611, 0.3503, 0.1704

Previews

White Background



This preview shows how the Yxy color 67.5053, 0.2894, 0.2852 looks on a white background.

Color Contrast Check

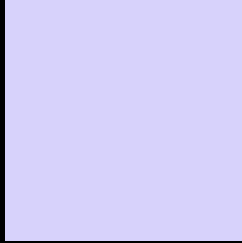
Large Text (above 18pt) WCAG AA × Fail

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 67.5053, 0.2894, 0.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

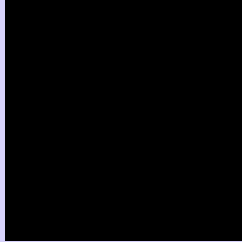
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.5053, 0.2894, 0.2852

Background



This preview shows how black text looks on a background with the Yxy color 67.5053, 0.2894, 0.2852.

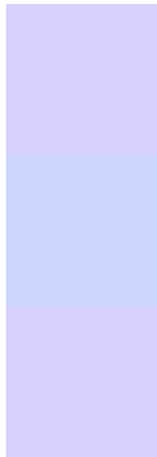


This preview shows how white text looks on a background with the Yxy color 67.5053, 0.2894, 0.2852.

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

67.5053, 0.2894, 0.2852

Protanopia

67.8022, 0.2823, 0.2858

Deuteranopia

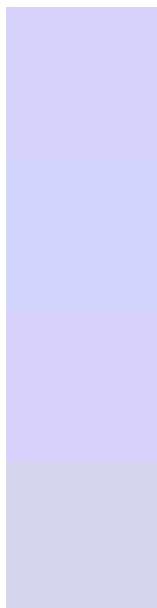
67.3177, 0.2907, 0.2843



Tritanopia

67.8034, 0.3007, 0.3113

Trichromacy



Original Color

67.5053, 0.2894, 0.2852

Protanomaly

67.6706, 0.2848, 0.2859

Deuteranomaly

67.1649, 0.2900, 0.2842

Tritanomaly

67.9077, 0.2962, 0.3017

Monochromacy



Original Color

67.5053, 0.2894, 0.2852

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.3492, 0.3041, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5053, 0.2894, 0.2852 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(215, 210, 251)` looks like.

```
.text, #text, p{  
    color:rgb(215, 210, 251)  
}
```

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(215, 210, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 210, 251) }
```

Border

The CSS property to change the border of an element to Yxy 67.5053, 0.2894, 0.2852 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(215, 210, 251) }
```

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

```
.border{ border-color:rgb(215, 210, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 210, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 210, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 210, 251);  
box-shadow:4px 4px 4px 4px rgb(215, 210,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5053, 0.2894, 0.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 210, 251) }
```

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

```
.background{ background-color: rgb(215,  
210, 251) }
```

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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