

Converting Colors

Yxy(70.1363, 0.2951, 0.2834)

Have a look what the booklet for
Yxy(70.1363, 0.2951, 0.2834)
contains.

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Color

Yxy(70.1394, 0.2951, 0.2834)

Conversions

Conversions Part 1

Format	Color
Hex	E3D3FF
RGB	227, 211, 255
RGB Percent	89%, 83%, 100%
CMY	0.1096, 0.1726, 0.0000
CMYK	0.11, 0.17, 0.00, 0.00
HSL	262°, 100%, 91%
HSV	262°, 17%, 100%
XYZ	73.0351, 70.1394, 104.3181
YIQ	220.8000, -4.5880, 17.0760

Conversions

Conversions Part 2

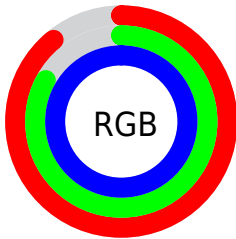
Format	Color
R_{YB}	227, 211, 255
Decimal	14930943
CIE _{Lab}	87.07, 13.72, -19.47
CIE _{LCh}	87, 23.816, 305.178
Y _{xy}	70.1394, 0.2951, 0.2834
Android (android.graphics.Color)	4293121023 (0xFFE3D3FF)
Y _{UV}	220.8000, 16.8606, 5.4374
Hunter-Lab	83.7493, 9.1029, -15.2272

Details

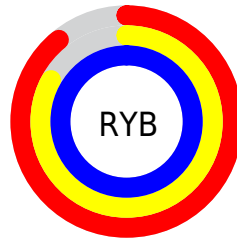
The Yxy color $70.1394, 0.2951, 0.2834$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $94.5644, 0.3282, 0.3735$, and the grayscale version is $72.0442, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.5121, 0.2905, 0.2729$ is the 20% darker color. If you saturate the color by 10%, you get $55.9483, 0.2828, 0.2539$, and if you desaturate by 10%, it is $86.5904, 0.3059, 0.3107$.

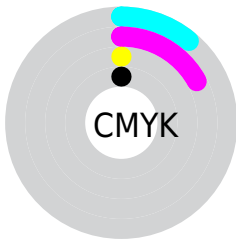
Distribution



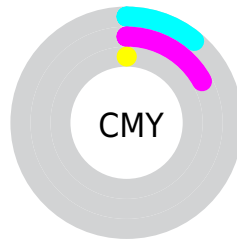
- Red (89%)
- Green (83%)
- Blue (100%)



- Red (89%)
- Yellow (83%)
- Blue (100%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1394, 0.2951, 0.2834 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 70.1394, 0.2951, 0.2834 by changing the saturation by 10% instead.


 70.1394, 0.2951,
0.2834

 70.1394, 0.2951,
0.2834


461.0393, 0.3035,
0.3040

 51.6402, 0.2931,
0.2788


119.4075, 0.2980,
0.2904

 36.7184, 0.2907,
0.2732


150.9452, 0.2992,
0.2932

 24.9895, 0.2876,
0.2663


187.5979, 0.3001,
0.2956

 16.0692, 0.2835,
0.2573

229.7499, 0.3010,
0.2977

 9.5732, 0.2778,
0.2454

277.7857, 0.3017,
0.2996

 5.1169, 0.2696,
0.2290

332.0895, 0.3024,

 2.3160, 0.2566,

0.3012

0.2049

393.0460, 0.3030,
0.3027

0.7822, 0.2337,
0.1660

0.0000, 0.0253,
0.0000

70.1394, 0.2951,
0.2834

70.1394, 0.2951,
0.2834

55.9483, 0.2828,
0.2539

86.5904, 0.3059,
0.3107

43.9122, 0.2689,
0.2226

100.0000, 0.3127,
0.3290

33.9230, 0.2537,
0.1908

25.8616, 0.2376,
0.1597

■ 19.5964, 0.2213,
0.1313

■ 14.9783, 0.2057,
0.1072

■ 11.8330, 0.1917,
0.0891

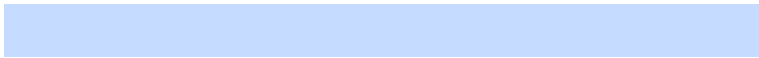
■ 9.9375, 0.1800,
0.0774

■ 9.5473, 0.1772,
0.0750

Harmonies

Analogous

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



70.1394, 0.2716, 0.2817



70.1394, 0.2951, 0.2834



70.1394, 0.3244, 0.2959

Triad

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



70.1394, 0.2951, 0.2834



70.1394, 0.3690, 0.3631



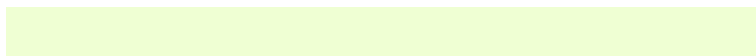
70.1394, 0.2747, 0.3407

Complementary

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



70.1394, 0.2951, 0.2834



94.5644, 0.3282, 0.3735

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.



70.1394, 0.2994, 0.3658



70.1394, 0.2951, 0.2834



70.1394, 0.3541, 0.3780

Square

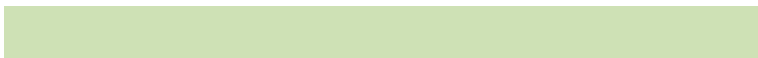
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.1394, 0.2951, 0.2834



70.1394, 0.3681, 0.3405



70.1394, 0.3285, 0.3797



70.1394, 0.2603, 0.3133

Rectangle

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



70.1394, 0.2951, 0.2834



70.1394, 0.3432, 0.3089



70.1394, 0.3285, 0.3797



70.1394, 0.2820, 0.3498

Sweetspot

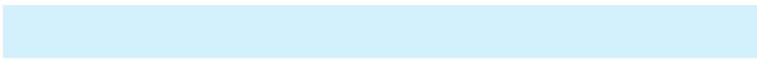
The Sweet Spot groups the original color and five complimentary colors.



70.1406, 0.2951, 0.2834



90.6292, 0.3081, 0.3166



83.1500, 0.2858, 0.3129



19.1267, 0.3074, 0.3148



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.



70.1406, 0.2951, 0.2834



64.5725, 0.2907, 0.2726



73.8325, 0.3100, 0.2854



17.7002, 0.3036, 0.3048



5.0655, 0.1788, 0.0758



0.5525, 0.1912, 0.0827

Inverse Universe

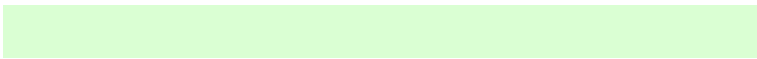
The Inverse Universe completely reimagines the original color for something new.



74.0721, 0.3258, 0.3013



69.2687, 0.3292, 0.2950



91.0650, 0.3146, 0.3754



18.1813, 0.3194, 0.3140



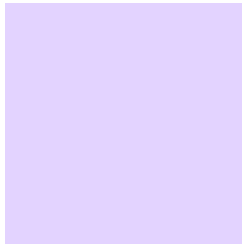
12.5015, 0.4401, 0.2198



1.2382, 0.4228, 0.2103

Previews

White Background



This preview shows how the Yxy color 70.1394, 0.2951, 0.2834 looks on a white background.

Color Contrast Check

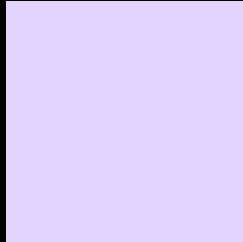
Large Text (above 18pt) WCAG AA × Fail

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 70.1394, 0.2951, 0.2834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

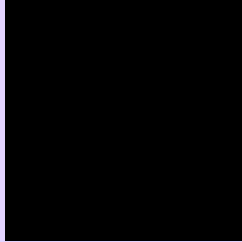
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

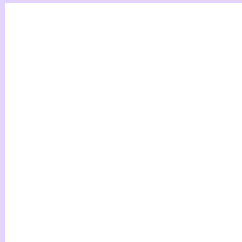
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1394, 0.2951, 0.2834

Background



This preview shows how black text looks on a background with the Yxy color 70.1394, 0.2951, 0.2834.

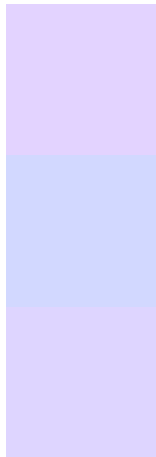


This preview shows how white text looks on a background with the Yxy color 70.1394, 0.2951, 0.2834.

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

70.1394, 0.2951, 0.2834

Protanopia

70.0334, 0.2839, 0.2874

Deuteranopia

70.3381, 0.2917, 0.2851



Tritanopia

70.1150, 0.3071, 0.3107

Trichromacy



Original Color

70.1394, 0.2951, 0.2834

Protanomaly

69.9121, 0.2877, 0.2857

Deuteranomaly

70.1543, 0.2931, 0.2842

Tritanomaly

70.2317, 0.3026, 0.3014

Monochromacy



Original Color

70.1394, 0.2951, 0.2834

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.1969, 0.3064, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1394, 0.2951, 0.2834 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(227, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 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(227, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 255) }
```

Border

The CSS property to change the border of an element to Yxy 70.1394, 0.2951, 0.2834 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(227, 211, 255) }
```

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

```
.border{ border-color:rgb(227, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
255) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.1394, 0.2951, 0.2834$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 255) }
```

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

```
.background{ background-color: rgb(227,  
211, 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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