

Converting Colors

Yxy(69.9130, 0.2950, 0.2843)

Have a look what the booklet for
Yxy(69.9130, 0.2950, 0.2843)
contains.

Yxy(69.9130, 0.2950, 0.2843)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.9130, 0.2950, 0.2843)

Conversions

Conversions Part 1

Format	Color
Hex	E2D3FE
RGB	226, 211, 254
RGB Percent	89%, 83%, 100%
CMY	0.1138, 0.1725, 0.0038
CMYK	0.11, 0.17, 0.00, 0.00
HSL	261°, 96%, 91%
HSV	261°, 17%, 100%
XYZ	72.5443, 69.9130, 103.4555
YIQ	220.3870, -4.8630, 16.5530

Conversions

Conversions Part 2

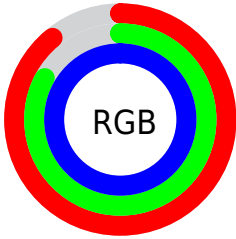
Format	Color
R _Y B	226, 211, 254
Decimal	14865406
CIE Lab	86.95, 13.17, -19.11
CIE LCh	87, 23.212, 304.571
Yxy	69.9130, 0.2950, 0.2843
Android (android.graphics.Color)	4293055486 (0xFFE2D3FE)
YUV	220.3870, 16.5712, 4.9226
Hunter-Lab	83.6140, 8.5437, -14.8297

Details

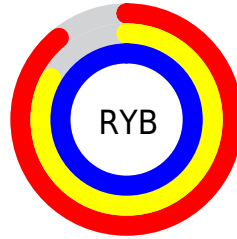
The Yxy color $69.9130, 0.2950, 0.2843$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $93.9631, 0.3284, 0.3726$, and the grayscale version is $71.7394, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.3542, 0.2904, 0.2739$ is the 20% darker color. If you saturate the color by 10%, you get $55.7256, 0.2824, 0.2547$, and if you desaturate by 10%, it is $86.3593, 0.3060, 0.3116$.

Distribution



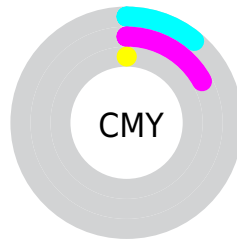
- Red (89%)
- Green (83%)
- Blue (100%)



- 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 69.9130, 0.2950, 0.2843 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 69.9130, 0.2950, 0.2843 by changing the saturation by 10% instead.

69.9130, 0.2950,
0.2843

69.9130, 0.2950,
0.2843

460.2445, 0.3034,
0.3045

51.4556, 0.2930,
0.2798

119.0847, 0.2980,
0.2912

36.5713, 0.2906,
0.2743

150.5678, 0.2991,
0.2939

24.8758, 0.2875,
0.2674

187.1615, 0.3001,
0.2963

15.9845, 0.2833,
0.2586

229.2504, 0.3009,
0.2984

9.5132, 0.2777,
0.2469

277.2187, 0.3017,
0.3002

5.0774, 0.2694,
0.2306

331.4509, 0.3023,

2.2928, 0.2563,

0.3018

0.2067

392.3314, 0.3029,
0.3032

0.7699, 0.2333,
0.1676

0.0000, 0.0011,
0.0000

69.9130, 0.2950,
0.2843

69.9130, 0.2950,
0.2843

55.7256, 0.2824,
0.2547

86.3593, 0.3060,
0.3116

43.6877, 0.2682,
0.2234

99.9373, 0.3133,
0.3299

33.6935, 0.2526,
0.1913

25.6249, 0.2362,
0.1599

■ 19.3511, 0.2197,
0.1311

■ 14.7244, 0.2038,
0.1067

■ 11.5723, 0.1897,
0.0882

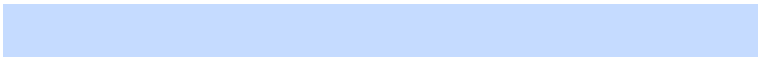
■ 9.6776, 0.1779,
0.0764

■ 9.2505, 0.1748,
0.0736

Harmonies

Analogous

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



69.9130, 0.2723, 0.2829



69.9130, 0.2950, 0.2843



69.9130, 0.3235, 0.2964

Triad

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



69.9130, 0.2950, 0.2843



69.9130, 0.3677, 0.3620



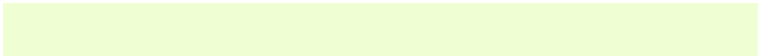
69.9130, 0.2760, 0.3410

Complementary

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



69.9130, 0.2950, 0.2843



93.9631, 0.3284, 0.3726

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.



69.9130, 0.3003, 0.3653



69.9130, 0.2950, 0.2843



69.9130, 0.3536, 0.3767

Square

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



69.9130, 0.2950, 0.2843



69.9130, 0.3666, 0.3398



69.9130, 0.3287, 0.3785



69.9130, 0.2617, 0.3142

Rectangle

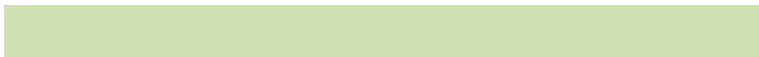
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.9130, 0.2950, 0.2843



69.9130, 0.3420, 0.3090



69.9130, 0.3287, 0.3785



69.9130, 0.2832, 0.3498

Sweetspot

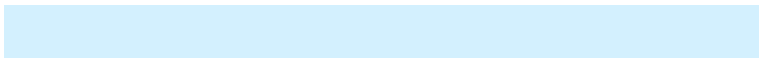
The Sweet Spot groups the original color and five complimentary colors.



69.9159, 0.2950, 0.2843



90.5903, 0.3079, 0.3166



83.1431, 0.2864, 0.3140



19.1173, 0.3072, 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.



69.9159, 0.2950, 0.2843



65.8949, 0.2913, 0.2754



73.4989, 0.3096, 0.2862



17.6850, 0.3033, 0.3048



4.9496, 0.1763, 0.0745



0.5399, 0.1886, 0.0813

Inverse Universe

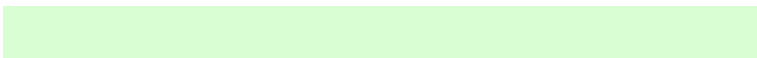
The Inverse Universe completely reimagines the original color for something new.



73.9046, 0.3250, 0.3011



70.5752, 0.3276, 0.2958



90.5353, 0.3150, 0.3744



18.1867, 0.3192, 0.3136



12.5821, 0.4334, 0.2161



1.2457, 0.4172, 0.2072

Previews

White Background



This preview shows how the Yxy color 69.9130, 0.2950, 0.2843 looks on a white background.

Color Contrast Check

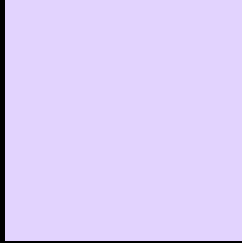
Large Text (above 18pt) WCAG AA × Fail

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 69.9130, 0.2950, 0.2843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

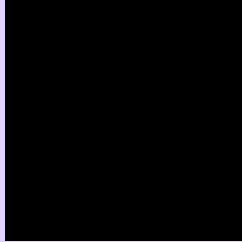
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9130, 0.2950, 0.2843

Background



This preview shows how black text looks on a background with the Yxy color 69.9130, 0.2950, 0.2843.

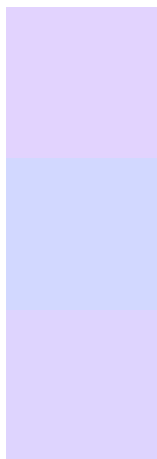


This preview shows how white text looks on a background with the Yxy color 69.9130, 0.2950, 0.2843.

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

69.9130, 0.2950, 0.2843

Protanopia

70.0334, 0.2839, 0.2874

Deuteranopia

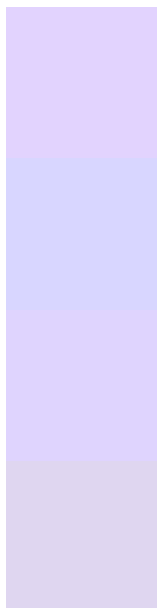
69.7723, 0.2923, 0.2850



Tritanopia

69.9567, 0.3064, 0.3107

Trichromacy



Original Color

69.9130, 0.2950, 0.2843

Protanomaly

69.9121, 0.2877, 0.2857

Deuteranomaly

69.9307, 0.2930, 0.2851

Tritanomaly

70.0724, 0.3019, 0.3013

Monochromacy



Original Color

69.9130, 0.2950, 0.2843

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.9815, 0.3064, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9130, 0.2950, 0.2843 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(226, 211, 254)` looks like.

```
.text, #text, p{  
    color:rgb(226, 211, 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(226, 211, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 211, 254) }
```

Border

The CSS property to change the border of an element to Yxy 69.9130, 0.2950, 0.2843 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(226, 211, 254) }
```

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

```
.border{ border-color:rgb(226, 211, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 211, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 211, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 211, 254);  
box-shadow:4px 4px 4px 4px rgb(226, 211,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9130, 0.2950, 0.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 211, 254) }
```

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

```
.background{ background-color: rgb(226,  
211, 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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