

Converting Colors

$Yxy(79.0491, 0.2389, 0.1968)$

Have a look what the booklet for
Yxy(79.0491, 0.2389, 0.1968)
contains.

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Color

Yxy(69.6441, 0.2951, 0.2824)

Conversions

Conversions Part 1

Format	Color
Hex	E3D2FF
RGB	227, 210, 255
RGB Percent	89%, 82%, 100%
CMY	0.1097, 0.1765, 0.0001
CMYK	0.11, 0.18, 0.00, 0.00
HSL	263°, 100%, 91%
HSV	263°, 18%, 100%
XYZ	72.7761, 69.6441, 104.1949
YIQ	220.2130, -4.3130, 17.5990

Conversions

Conversions Part 2

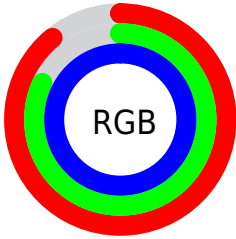
Format	Color
R _Y B	227, 210, 255
Decimal	14930687
CIE Lab	86.82, 14.23, -19.81
CIE LCh	87, 24.388, 305.687
Yxy	69.6441, 0.2951, 0.2824
Android (android.graphics.Color)	4293120767 (0xFFE3D2FF)
YUV	220.2130, 17.1500, 5.9522
Hunter-Lab	83.4530, 9.6200, -15.6091

Details

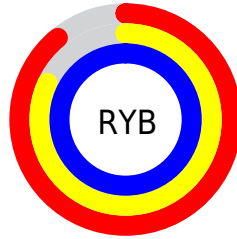
The Yxy color **69.6441, 0.2951, 0.2824** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.3295, 0.3282, 0.3746**, and the grayscale version is **71.6096, 0.3127, 0.3290**.

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 **55.5834, 0.2830, 0.2529**, and if you desaturate by 10%, it is **85.9536, 0.3057, 0.3098**.

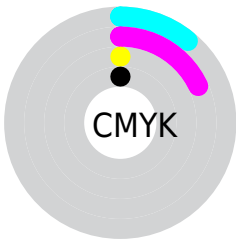
Distribution



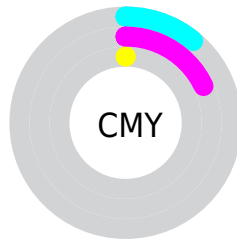
- Red (89%)
- Green (82%)
- Blue (100%)



- Red (89%)
- Yellow (82%)
- Blue (100%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6441, 0.2951, 0.2824 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 69.6441, 0.2951, 0.2824 by changing the saturation by 10% instead.

69.6441, 0.2951,
0.2824

69.6441, 0.2951,
0.2824

459.2994, 0.3035,
0.3035

51.2364, 0.2931,
0.2777

118.7011, 0.2981,
0.2896

36.3968, 0.2907,
0.2720

150.1192, 0.2992,
0.2924

24.7408, 0.2876,
0.2649

186.6429, 0.3002,
0.2949

15.8841, 0.2834,
0.2557

228.6566, 0.3010,
0.2970

9.4421, 0.2777,
0.2436

276.5447, 0.3017,
0.2989

5.0307, 0.2694,
0.2268

330.6916, 0.3024,

2.2653, 0.2562,

0.3006

0.2022

391.4817, 0.3030,
0.3021

0.7552, 0.2330,
0.1621

0.0000, 0.0127,
0.0000

69.6441, 0.2951,
0.2824

69.6441, 0.2951,
0.2824

55.5834, 0.2830,
0.2529

85.9536, 0.3057,
0.3098

43.6618, 0.2693,
0.2217

99.9986, 0.3127,
0.3290

33.7729, 0.2544,
0.1901

25.7979, 0.2386,
0.1593

■ 19.6051, 0.2226,
0.1311

■ 15.0451, 0.2072,
0.1074

■ 11.9433, 0.1933,
0.0896

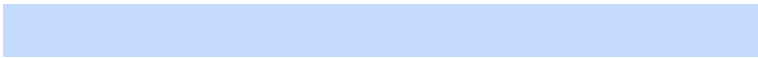
■ 10.0709, 0.1817,
0.0782

■ 9.7311, 0.1792,
0.0761

Harmonies

Analogous

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



69.6441, 0.2709, 0.2804



69.6441, 0.2951, 0.2824



69.6441, 0.3252, 0.2954

Triad

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



69.6441, 0.2951, 0.2824



69.6441, 0.3703, 0.3643



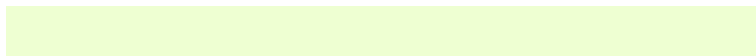
69.6441, 0.2733, 0.3405

Complementary

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



69.6441, 0.2951, 0.2824



94.3295, 0.3282, 0.3746

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.



69.6441, 0.2985, 0.3665



69.6441, 0.2951, 0.2824



69.6441, 0.3548, 0.3795

Square

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



69.6441, 0.2951, 0.2824



69.6441, 0.3698, 0.3412



69.6441, 0.3283, 0.3810



69.6441, 0.2589, 0.3124

Rectangle

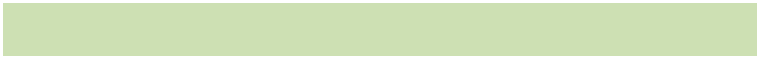
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.6441, 0.2951, 0.2824



69.6441, 0.3445, 0.3088



69.6441, 0.3283, 0.3810



69.6441, 0.2808, 0.3499

Sweetspot

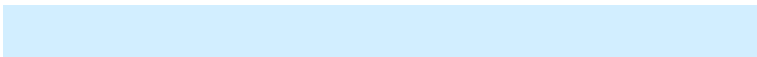
The Sweet Spot groups the original color and five complimentary colors.



69.6470, 0.2951, 0.2824



90.6608, 0.3082, 0.3166



82.3536, 0.2852, 0.3117



19.1344, 0.3075, 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.



69.6470, 0.2951, 0.2824



64.6874, 0.2912, 0.2727



73.4493, 0.3105, 0.2845



17.7126, 0.3038, 0.3048



5.1642, 0.1808, 0.0770



0.5630, 0.1933, 0.0838

Inverse Universe

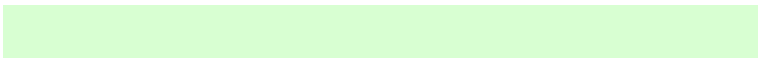
The Inverse Universe completely reimagines the original color for something new.



73.5210, 0.3266, 0.3012



69.2265, 0.3297, 0.2957



90.7579, 0.3142, 0.3766



18.1770, 0.3196, 0.3143



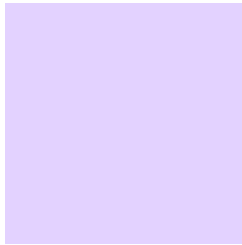
12.4381, 0.4456, 0.2228



1.2323, 0.4275, 0.2129

Previews

White Background



This preview shows how the Yxy color 69.6441, 0.2951, 0.2824 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 69.6441, 0.2951, 0.2824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

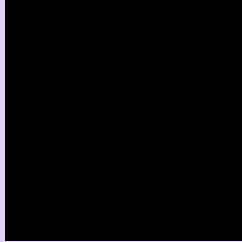
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.6441, 0.2951, 0.2824

Background



This preview shows how black text looks on a background with the Yxy color 69.6441, 0.2951, 0.2824.

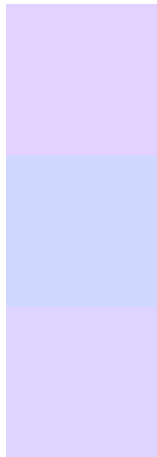


This preview shows how white text looks on a background with the Yxy color 69.6441, 0.2951, 0.2824.

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

69.6441, 0.2951, 0.2824

Protanopia

69.8870, 0.2832, 0.2873

Deuteranopia

69.6791, 0.2910, 0.2840



Tritanopia

69.5506, 0.3078, 0.3107

Trichromacy



Original Color

69.6441, 0.2951, 0.2824

Protanomaly

69.9121, 0.2877, 0.2857

Deuteranomaly

69.4965, 0.2924, 0.2831

Tritanomaly

69.7271, 0.3026, 0.3003

Monochromacy



Original Color

69.6441, 0.2951, 0.2824

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.6829, 0.3064, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6441, 0.2951, 0.2824 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, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 210, 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, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.6441, 0.2951, 0.2824 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, 210, 255) }
```

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

```
.border{ border-color:rgb(227, 210, 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, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 210,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6441, 0.2951, 0.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 210, 255) }
```

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

```
.background{ background-color: rgb(227,  
210, 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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