

Converting Colors

$Y_{xy}(71.4053, 0.2971, 0.2867)$

Have a look what the booklet for
Yxy(71.4053, 0.2971, 0.2867)
contains.

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Color

Yxy(71.4023, 0.2971, 0.2867)

Conversions

Conversions Part 1

Format	Color
Hex	E5D5FE
RGB	229, 213, 254
RGB Percent	90%, 84%, 100%
CMY	0.1020, 0.1647, 0.0039
CMYK	0.10, 0.16, 0.00, 0.00
HSL	263°, 95%, 92%
HSV	263°, 16%, 100%
XYZ	73.9924, 71.4023, 103.6541
YIQ	222.4580, -3.6250, 16.1430

Conversions

Conversions Part 2

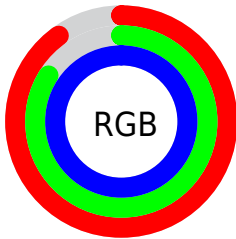
Format	Color
R _Y B	229, 213, 254
Decimal	15062526
CIE Lab	87.68, 13.06, -17.99
CIE LCh	88, 22.230, 305.988
Yxy	71.4023, 0.2971, 0.2867
Android (android.graphics.Color)	4293252606 (0xFFE5D5FE)
YUV	222.4580, 15.5502, 5.7373
Hunter-Lab	84.4999, 8.4289, -13.5798

Details

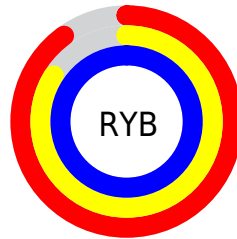
The Yxy color **71.4023, 0.2971, 0.2867** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.8778, 0.3266, 0.3706**, and the grayscale version is **73.2778, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3692, 0.2932, 0.2771** is the 20% darker color. If you saturate the color by 10%, you get **57.1736, 0.2854, 0.2575**, and if you desaturate by 10%, it is **87.8661, 0.3072, 0.3137**.

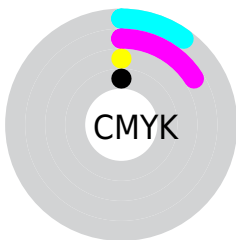
Distribution



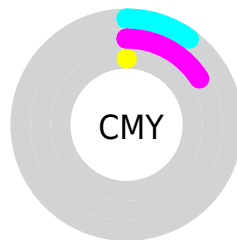
- Red (90%)
- Green (84%)
- Blue (100%)



- Red (90%)
- Yellow (84%)
- Blue (100%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)




- Cyan (10%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4023, 0.2971, 0.2867 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 71.4023, 0.2971, 0.2867 by changing the saturation by 10% instead.


 71.4023, 0.2971,
0.2867

 71.4023, 0.2971,
0.2867

465.4585, 0.3045,
0.3058

 52.6706, 0.2954,
0.2825


121.2064, 0.2997,
0.2932

 37.5399, 0.2932,
0.2773


153.0475, 0.3007,
0.2958

 25.6257, 0.2905,
0.2708


190.0272, 0.3016,
0.2980

 16.5439, 0.2869,
0.2625

232.5300, 0.3023,
0.3000

 9.9098, 0.2819,
0.2515

280.9400, 0.3030,
0.3017

 5.3392, 0.2746,
0.2363

335.6419, 0.3035,

 2.4476, 0.2632,

0.3032

0.2138

397.0199, 0.3040,
0.3046

0.8502, 0.2428,
0.1779

0.0000, 0.0710,
0.0000

71.4023, 0.2971,
0.2867

71.4023, 0.2971,
0.2867

57.1736, 0.2854,
0.2575

87.8661, 0.3072,
0.3137

45.0720, 0.2722,
0.2267

99.9363, 0.3133,
0.3299

34.9944, 0.2577,
0.1952

26.8246, 0.2423,
0.1643

■ 20.4349, 0.2265,
0.1359

■ 15.6809, 0.2111,
0.1115

■ 12.3944, 0.1971,
0.0929

■ 10.3677, 0.1850,
0.0806

■ 9.8054, 0.1809,
0.0770

Harmonies

Analogous

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



71.4023, 0.2750, 0.2849



71.4023, 0.2971, 0.2867



71.4023, 0.3243, 0.2986

Triad

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



71.4023, 0.2971, 0.2867



71.4023, 0.3647, 0.3613



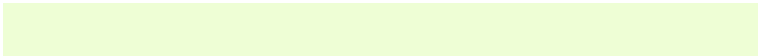
71.4023, 0.2769, 0.3392

Complementary

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



71.4023, 0.2971, 0.2867



93.8778, 0.3266, 0.3706

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.



71.4023, 0.2997, 0.3625



71.4023, 0.2971, 0.2867



71.4023, 0.3507, 0.3747

Square

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



71.4023, 0.2971, 0.2867



71.4023, 0.3643, 0.3405



71.4023, 0.3267, 0.3757



71.4023, 0.2638, 0.3139

Rectangle

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



71.4023, 0.2971, 0.2867



71.4023, 0.3417, 0.3109



71.4023, 0.3267, 0.3757



71.4023, 0.2836, 0.3476

Sweetspot

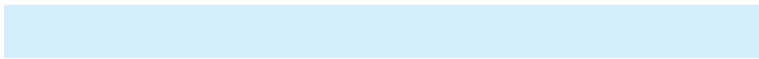
The Sweet Spot groups the original color and five complimentary colors.



71.4053, 0.2971, 0.2867



90.6867, 0.3083, 0.3166



82.6240, 0.2875, 0.3126



19.1407, 0.3076, 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.



71.4053, 0.2971, 0.2867



67.7033, 0.2939, 0.2786



74.9318, 0.3112, 0.2885



17.7227, 0.3040, 0.3049



5.2481, 0.1826, 0.0779



0.5719, 0.1951, 0.0848

Inverse Universe

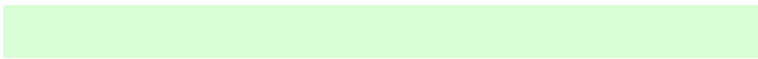
The Inverse Universe completely reimagines the original color for something new.



74.8421, 0.3255, 0.3041



71.7315, 0.3282, 0.2995



90.5674, 0.3136, 0.3723



18.1735, 0.3198, 0.3146



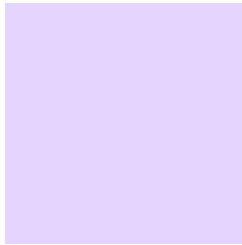
12.3875, 0.4501, 0.2253



1.2276, 0.4313, 0.2150

Previews

White Background



This preview shows how the Yxy color 71.4023, 0.2971, 0.2867 looks on a white background.

Color Contrast Check

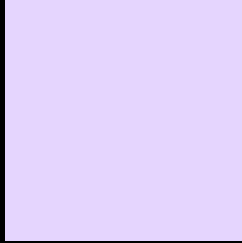
Large Text (above 18pt) WCAG AA × Fail

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 71.4023, 0.2971, 0.2867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

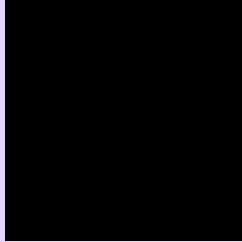
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4023, 0.2971, 0.2867

Background



This preview shows how black text looks on a background with the Yxy color 71.4023, 0.2971, 0.2867.

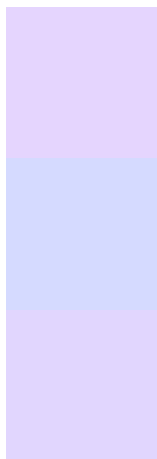


This preview shows how white text looks on a background with the Yxy color 71.4023, 0.2971, 0.2867.

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

71.4023, 0.2971, 0.2867

Protanopia

71.5089, 0.2860, 0.2898

Deuteranopia

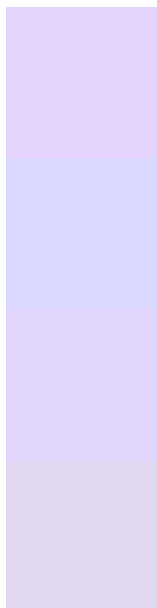
71.2564, 0.2944, 0.2874



Tritanopia

71.7350, 0.3079, 0.3109

Trichromacy



Original Color

71.4023, 0.2971, 0.2867

Protanomaly

71.3918, 0.2898, 0.2881

Deuteranomaly

71.4176, 0.2951, 0.2875

Tritanomaly

71.7935, 0.3040, 0.3027

Monochromacy



Original Color

71.4023, 0.2971, 0.2867

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.6111, 0.3071, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4023, 0.2971, 0.2867 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(229, 213, 254)` looks like.

```
.text, #text, p{  
    color:rgb(229, 213, 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(229, 213, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 213, 254) }
```

Border

The CSS property to change the border of an element to Yxy 71.4023, 0.2971, 0.2867 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(229, 213, 254) }
```

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

```
.border{ border-color:rgb(229, 213, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 213, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 213, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 213, 254);  
box-shadow:4px 4px 4px 4px rgb(229, 213,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4023, 0.2971, 0.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 213, 254) }
```

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

```
.background{ background-color: rgb(229,  
213, 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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