

Converting Colors

$Yxy(74.8606, 0.2976, 0.2923)$

Have a look what the booklet for
Yxy(74.8606, 0.2976, 0.2923)
contains.

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Color

Yxy(74.8720, 0.2979, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	E7DBFF
RGB	231, 219, 255
RGB Percent	91%, 86%, 100%
CMY	0.0942, 0.1411, 0.0000
CMYK	0.09, 0.14, 0.00, 0.00
HSL	260°, 100%, 93%
HSV	260°, 14%, 100%
XYZ	76.3325, 74.8720, 105.0309
YIQ	226.6920, -4.4040, 13.7400

Conversions

Conversions Part 2

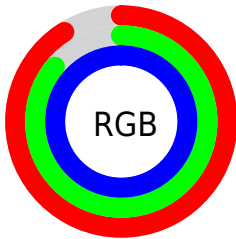
Format	Color
R _Y B	231, 219, 255
Decimal	15195135
CIE Lab	89.33, 10.74, -16.00
CIE LCh	89, 19.272, 303.856
Yxy	74.8720, 0.2979, 0.2922
Android (android.graphics.Color)	4293385215 (0xFFE7DBFF)
YUV	226.6920, 13.9558, 3.7781
Hunter-Lab	86.5286, 6.0415, -11.3979

Details

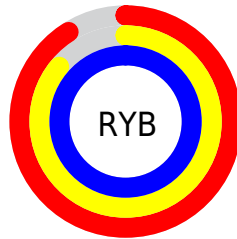
The Yxy color $74.8720, 0.2979, 0.2922$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95.6894, 0.3262, 0.3650$, and the grayscale version is $76.4807, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.7421, 0.2943, 0.2842$ is the 20% darker color. If you saturate the color by 10%, you get $59.8786, 0.2854, 0.2631$, and if you desaturate by 10%, it is $92.1847, 0.3087, 0.3188$.

Distribution



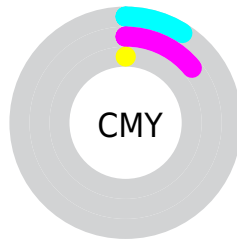
- Red (91%)
- Green (86%)
- Blue (100%)



- Red (91%)
- Yellow (86%)
- Blue (100%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8720, 0.2979, 0.2922 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 74.8720, 0.2979, 0.2922 by changing the saturation by 10% instead.


 74.8720, 0.2979,
0.2922

 74.8720, 0.2979,
0.2922


477.4775, 0.3048,
0.3088

 55.5080, 0.2963,
0.2885


126.1312, 0.3003,
0.2979

 39.8086, 0.2943,
0.2841


158.7951, 0.3013,
0.3001

 27.3894, 0.2918,
0.2785


196.6612, 0.3021,
0.3020

 17.8659, 0.2885,
0.2713

240.1139, 0.3028,
0.3037

 10.8537, 0.2841,
0.2619

289.5374, 0.3034,
0.3052

 5.9686, 0.2776,
0.2488

345.3163, 0.3039,

 2.8260, 0.2675,

0.3065

0.2295

407.8348, 0.3044,
0.3077

■ 1.0416, 0.2500,
0.1985

■ 0.0000, 0.1557,
0.0000

■ 74.8720, 0.2979,
0.2922

■ 74.8720, 0.2979,
0.2922

■ 59.8786, 0.2854,
0.2631

■ 92.1847, 0.3087,
0.3188

■ 47.0949, 0.2713,
0.2320

99.9997, 0.3127,
0.3290

■ 36.4163, 0.2558,
0.1999

■ 27.7258, 0.2393,
0.1679

■ 20.8947, 0.2224,
0.1380

■ 15.7787, 0.2060,
0.1120

■ 12.2110, 0.1912,
0.0916

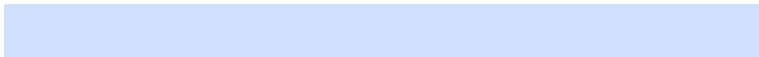
■ 9.9892, 0.1788,
0.0779

■ 9.1455, 0.1727,
0.0725

Harmonies

Analogous

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



74.8720, 0.2794, 0.2914



74.8720, 0.2979, 0.2922



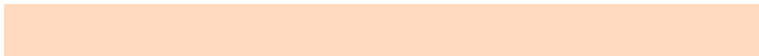
74.8720, 0.3210, 0.3019

Triad

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



74.8720, 0.2979, 0.2922



74.8720, 0.3574, 0.3557



74.8720, 0.2832, 0.3393

Complementary

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



74.8720, 0.2979, 0.2922



95.6894, 0.3262, 0.3650

Split Complementary

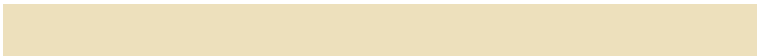
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.8720, 0.3033, 0.3585



74.8720, 0.2979, 0.2922



74.8720, 0.3464, 0.3676

Square

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



74.8720, 0.2979, 0.2922



74.8720, 0.3561, 0.3377



74.8720, 0.3264, 0.3690



74.8720, 0.2712, 0.3178

Rectangle

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



74.8720, 0.2979, 0.2922



74.8720, 0.3360, 0.3123



74.8720, 0.3264, 0.3690



74.8720, 0.2892, 0.3463

Sweetspot

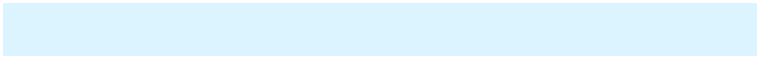
The Sweet Spot groups the original color and five complimentary colors.



74.8752, 0.2979, 0.2922



92.3961, 0.3088, 0.3191



86.7421, 0.2908, 0.3173



19.4797, 0.3081, 0.3172



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.



74.8752, 0.2979, 0.2922



70.3139, 0.2945, 0.2840



77.9173, 0.3098, 0.2935



17.6714, 0.3031, 0.3048



4.8513, 0.1742, 0.0734



0.5292, 0.1864, 0.0800

Inverse Universe

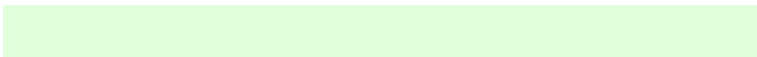
The Inverse Universe completely reimagines the original color for something new.



78.3995, 0.3223, 0.3054



74.4973, 0.3246, 0.3004



92.7372, 0.3151, 0.3662



18.1915, 0.3189, 0.3133



12.6565, 0.4275, 0.2129



1.2526, 0.4122, 0.2044

Previews

White Background



This preview shows how the Yxy color 74.8720, 0.2979, 0.2922 looks on a white background.

Color Contrast Check

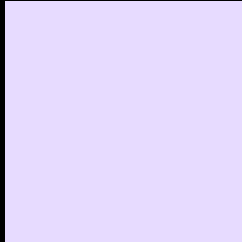
Large Text (above 18pt) WCAG AA × Fail

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 74.8720, 0.2979, 0.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

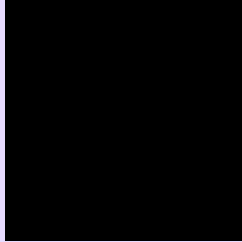
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.8720, 0.2979, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 74.8720, 0.2979, 0.2922.

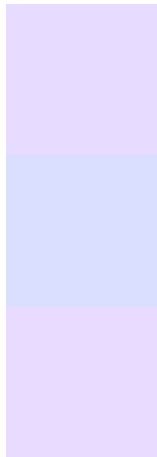


This preview shows how white text looks on a background with the Yxy color 74.8720, 0.2979, 0.2922.

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

74.8720, 0.2979, 0.2922

Protanopia

75.0554, 0.2901, 0.2956

Deuteranopia

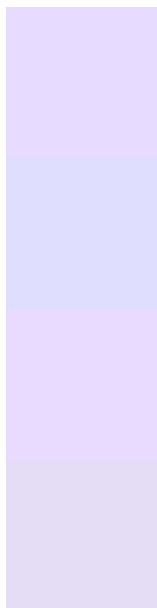
75.0388, 0.2986, 0.2923



Tritanopia

74.9685, 0.3059, 0.3112

Trichromacy



Original Color

74.8720, 0.2979, 0.2922

Protanomaly

75.1505, 0.2926, 0.2948

Deuteranomaly

75.0388, 0.2986, 0.2923

Tritanomaly

74.9635, 0.3028, 0.3041

Monochromacy



Original Color

74.8720, 0.2979, 0.2922

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9197, 0.3071, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8720, 0.2979, 0.2922 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(231, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 219, 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(231, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.8720, 0.2979, 0.2922 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(231, 219, 255) }
```

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

```
.border{ border-color:rgb(231, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8720, 0.2979, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 219, 255) }
```

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

```
.background{ background-color: rgb(231,  
219, 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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