

Converting Colors

$Y_{xy}(74.5274, 0.2959, 0.2923)$

Have a look what the booklet for
Yxy(74.5274, 0.2959, 0.2923)
contains.

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Color

$Yxy(74.3770, 0.2959, 0.2920)$

Conversions

Conversions Part 1

Format	Color
Hex	E4DBFF
RGB	228, 219, 255
RGB Percent	89%, 86%, 100%
CMY	0.1059, 0.1411, 0.0001
CMYK	0.11, 0.14, 0.00, 0.00
HSL	255°, 100%, 93%
HSV	255°, 14%, 100%
XYZ	75.3704, 74.3770, 104.9684
YIQ	225.7950, -6.1920, 13.1040

Conversions

Conversions Part 2

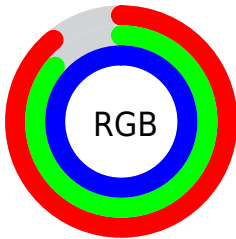
Format	Color
R _Y B	228, 219, 255
Decimal	14998527
CIE Lab	89.10, 9.78, -16.37
CIE LCh	89, 19.065, 300.857
Yxy	74.3770, 0.2959, 0.2920
Android (android.graphics.Color)	4293188607 (0xFFE4DBFF)
YUV	225.7950, 14.3981, 1.9338
Hunter-Lab	86.2421, 5.0746, -11.7945

Details

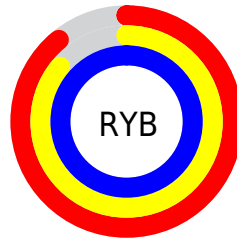
The Yxy color $74.3770, 0.2959, 0.2920$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $96.2103, 0.3281, 0.3647$, and the grayscale version is $75.7954, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.3988, 0.2917, 0.2839$ is the 20% darker color. If you saturate the color by 10%, you get $59.1211, 0.2818, 0.2625$, and if you desaturate by 10%, it is $92.0230, 0.3082, 0.3188$.

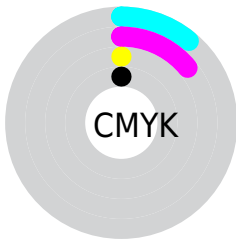
Distribution



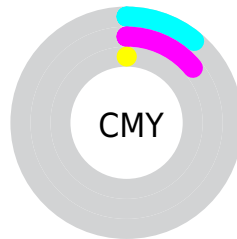
- Red (89%)
- Green (86%)
- Blue (100%)



- Red (89%)
- Yellow (86%)
- Blue (100%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)




- Cyan (11%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3770, 0.2959, 0.2920 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 74.3770, 0.2959, 0.2920 by changing the saturation by 10% instead.


 74.3770, 0.2959,
0.2920

 74.3770, 0.2959,
0.2920

475.7735, 0.3037,
0.3087

 55.1027, 0.2941,
0.2883

125.4301, 0.2986,
0.2977

 39.4839, 0.2919,
0.2838


157.9776, 0.2997,
0.2999

 27.1364, 0.2891,
0.2781


195.7183, 0.3006,
0.3019

 17.6757, 0.2854,
0.2709

239.0366, 0.3014,
0.3036

 10.7174, 0.2803,
0.2613

288.3169, 0.3021,
0.3051

 5.8771, 0.2731,
0.2480

343.9435, 0.3027,

 2.7705, 0.2619,

0.3064

0.2283

406.3009, 0.3033,
0.3076

■ 1.0131, 0.2424,
0.1968

■ 0.0000, 0.1219,
0.0000

■ 74.3770, 0.2959,
0.2920

■ 74.3770, 0.2959,
0.2920

■ 59.1211, 0.2818,
0.2625

■ 92.0230, 0.3082,
0.3188

■ 46.1423, 0.2660,
0.2307

99.9983, 0.3127,
0.3290

■ 35.3323, 0.2488,
0.1975

■ 26.5703, 0.2306,
0.1644

■ 19.7234, 0.2124,
0.1334

■ 14.6424, 0.1952,
0.1065

■ 11.1556, 0.1802,
0.0857

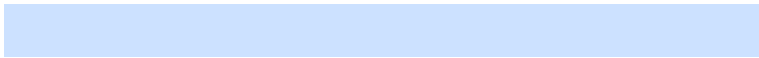
■ 9.0546, 0.1684,
0.0722

■ 8.2972, 0.1630,
0.0672

Harmonies

Analogous

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



74.3770, 0.2783, 0.2922



74.3770, 0.2959, 0.2920



74.3770, 0.3186, 0.3008

Triad

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



74.3770, 0.2959, 0.2920



74.3770, 0.3575, 0.3539



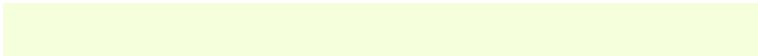
74.3770, 0.2852, 0.3414

Complementary

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



74.3770, 0.2959, 0.2920



96.2103, 0.3281, 0.3647

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.



74.3770, 0.3056, 0.3598



74.3770, 0.2959, 0.2920



74.3770, 0.3477, 0.3665

Square

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



74.3770, 0.2959, 0.2920



74.3770, 0.3549, 0.3357



74.3770, 0.3285, 0.3690



74.3770, 0.2723, 0.3199

Rectangle

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



74.3770, 0.2959, 0.2920



74.3770, 0.3337, 0.3107



74.3770, 0.3285, 0.3690



74.3770, 0.2914, 0.3482

Sweetspot

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



74.3801, 0.2959, 0.2920



92.2412, 0.3083, 0.3191



88.5469, 0.2909, 0.3204



19.4406, 0.3074, 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.



74.3801, 0.2959, 0.2920



69.7368, 0.2920, 0.2837



77.3691, 0.3077, 0.2933



17.5968, 0.3018, 0.3047



4.3950, 0.1643, 0.0679



0.4768, 0.1752, 0.0739

Inverse Universe

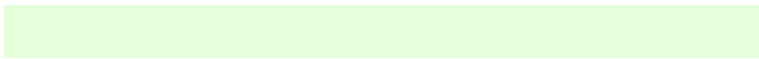
The Inverse Universe completely reimagines the original color for something new.



78.5777, 0.3203, 0.3025



74.7145, 0.3221, 0.2969



93.2111, 0.3169, 0.3660



18.2183, 0.3176, 0.3113



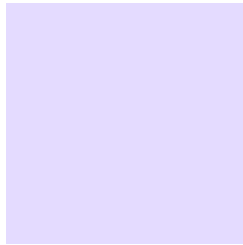
13.1070, 0.3964, 0.1957



1.2936, 0.3859, 0.1899

Previews

White Background



This preview shows how the Yxy color 74.3770, 0.2959, 0.2920 looks on a white background.

Color Contrast Check

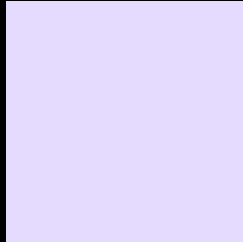
Large Text (above 18pt) WCAG AA × Fail

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 74.3770, 0.2959, 0.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

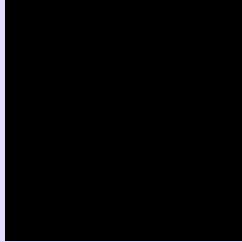
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3770, 0.2959, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 74.3770, 0.2959, 0.2920.

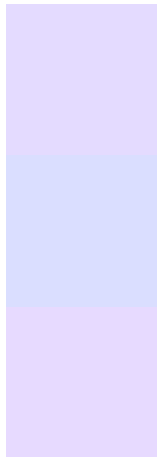


This preview shows how white text looks on a background with the Yxy color 74.3770, 0.2959, 0.2920.

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

74.3770, 0.2959, 0.2920

Protanopia

74.3680, 0.2894, 0.2945

Deuteranopia

74.3517, 0.2979, 0.2911



Tritanopia

74.4821, 0.3038, 0.3111

Trichromacy



Original Color

74.3770, 0.2959, 0.2920

Protanomaly

74.4625, 0.2920, 0.2937

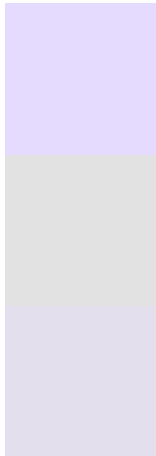
Deuteranomaly

74.1858, 0.2972, 0.2911

Tritanomaly

74.4742, 0.3008, 0.3039

Monochromacy



Original Color

74.3770, 0.2959, 0.2920

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.2207, 0.3065, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3770, 0.2959, 0.2920 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(228, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.3770, 0.2959, 0.2920 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(228, 219, 255) }
```

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

```
.border{ border-color:rgb(228, 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(228, 219, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3770, 0.2959, 0.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 219, 255) }
```

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

```
.background{ background-color: rgb(228,  
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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