

Converting Colors

$Y_{xy}(74.7726, 0.2969, 0.2924)$

Have a look what the booklet for
Yxy(74.7726, 0.2969, 0.2924)
contains.

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Color

Yxy(74.5410, 0.2966, 0.2920)

Conversions

Conversions Part 1

Format	Color
Hex	E5DBFF
RGB	229, 219, 255
RGB Percent	90%, 86%, 100%
CMY	0.1017, 0.1413, 0.0000
CMYK	0.10, 0.14, 0.00, 0.00
HSL	257°, 100%, 93%
HSV	257°, 14%, 100%
XYZ	75.7153, 74.5410, 105.0211
YIQ	226.0940, -5.5960, 13.3160

Conversions

Conversions Part 2

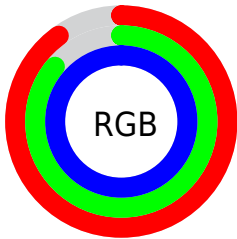
Format	Color
R _Y B	229, 219, 255
Decimal	15064063
CIE Lab	89.18, 10.15, -16.27
CIE LCh	89, 19.174, 301.965
Yxy	74.5410, 0.2966, 0.2920
Android (android.graphics.Color)	4293254143 (0xFFE5DBFF)
YUV	226.0940, 14.2507, 2.5486
Hunter-Lab	86.3371, 5.4496, -11.6848

Details

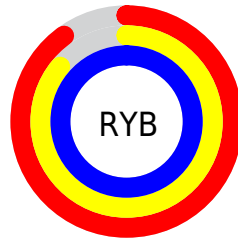
The Yxy color $74.5410, 0.2966, 0.2920$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $96.0277, 0.3274, 0.3649$, and the grayscale version is $76.0304, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.5124, 0.2926, 0.2840$ is the 20% darker color. If you saturate the color by 10%, you get $59.3808, 0.2831, 0.2626$, and if you desaturate by 10%, it is $92.0619, 0.3084, 0.3188$.

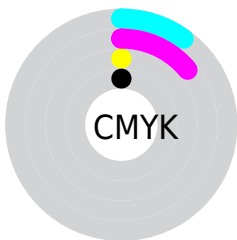
Distribution



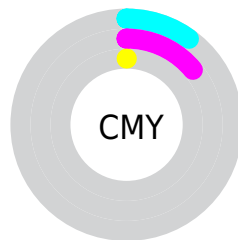
- Red (90%)
- Green (86%)
- Blue (100%)



- Red (90%)
- Yellow (86%)
- Blue (100%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5410, 0.2966, 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 74.5410, 0.2966, 0.2920 by changing the saturation by 10% instead.

74.5410, 0.2966,
0.2920

74.5410, 0.2966,
0.2920

476.3384, 0.3041,
0.3087

55.2369, 0.2949,
0.2883

125.6624, 0.2992,
0.2977

39.5915, 0.2927,
0.2838

158.2486, 0.3002,
0.2999

27.2202, 0.2900,
0.2782

196.0309, 0.3011,
0.3019

17.7386, 0.2865,
0.2710

239.3937, 0.3019,
0.3036

10.7625, 0.2816,
0.2614

288.7215, 0.3025,
0.3051

5.9074, 0.2747,
0.2481

344.3986, 0.3031,

2.7888, 0.2639,

0.3064

0.2286

406.8095, 0.3037,
0.3076

■ 1.0225, 0.2451,
0.1972

■ 0.0000, 0.1342,
0.0000

■ 74.5410, 0.2966,
0.2920

■ 74.5410, 0.2966,
0.2920

■ 59.3808, 0.2831,
0.2626

■ 92.0619, 0.3084,
0.3188

■ 46.4734, 0.2679,
0.2311

100.0000, 0.3127,
0.3290

■ 35.7108, 0.2513,
0.1983

■ 26.9736, 0.2337,
0.1656

■ 20.1306, 0.2159,
0.1350

■ 15.0345, 0.1990,
0.1084

■ 11.5155, 0.1840,
0.0878

■ 9.3675, 0.1719,
0.0741

■ 8.5787, 0.1662,
0.0689

Harmonies

Analogous

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



74.5410, 0.2786, 0.2919



74.5410, 0.2966, 0.2920



74.5410, 0.3195, 0.3012

Triad

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



74.5410, 0.2966, 0.2920



74.5410, 0.3576, 0.3546



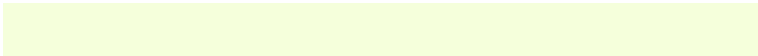
74.5410, 0.2844, 0.3406

Complementary

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



74.5410, 0.2966, 0.2920



96.0277, 0.3274, 0.3649

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.



74.5410, 0.3048, 0.3594



74.5410, 0.2966, 0.2920



74.5410, 0.3473, 0.3669

Square

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



74.5410, 0.2966, 0.2920



74.5410, 0.3554, 0.3364



74.5410, 0.3278, 0.3691



74.5410, 0.2718, 0.3191

Rectangle

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



74.5410, 0.2966, 0.2920



74.5410, 0.3346, 0.3113



74.5410, 0.3278, 0.3691



74.5410, 0.2906, 0.3476

Sweetspot

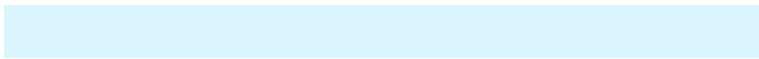
The Sweet Spot groups the original color and five complimentary colors.



74.5428, 0.2966, 0.2920



92.2983, 0.3085, 0.3191



87.8204, 0.2908, 0.3191



19.4550, 0.3077, 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.



74.5428, 0.2966, 0.2920



69.9484, 0.2929, 0.2838



77.5724, 0.3085, 0.2933



17.6243, 0.3023, 0.3047



4.5466, 0.1676, 0.0697



0.4947, 0.1791, 0.0760

Inverse Universe

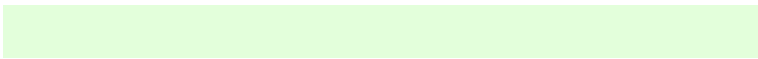
The Inverse Universe completely reimagines the original color for something new.



78.4982, 0.3211, 0.3035



74.6338, 0.3230, 0.2982



93.0267, 0.3162, 0.3661



18.2084, 0.3181, 0.3120



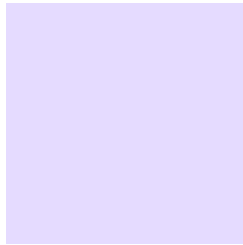
12.9329, 0.4075, 0.2019



1.2779, 0.3953, 0.1951

Previews

White Background



This preview shows how the Yxy color 74.5410, 0.2966, 0.2920 looks on a white background.

Color Contrast Check

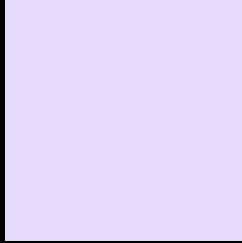
Large Text (above 18pt) WCAG AA × Fail

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 74.5410, 0.2966, 0.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

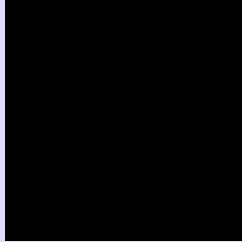
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5410, 0.2966, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 74.5410, 0.2966, 0.2920.

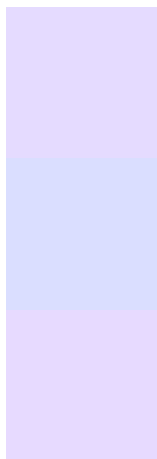


This preview shows how white text looks on a background with the Yxy color 74.5410, 0.2966, 0.2920.

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

74.5410, 0.2966, 0.2920

Protanopia

74.3680, 0.2894, 0.2945

Deuteranopia

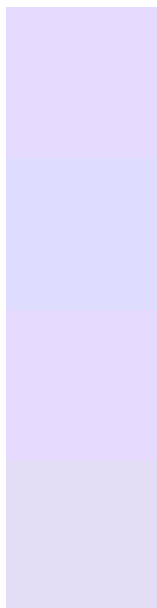
74.3517, 0.2979, 0.2911



Tritanopia

74.6433, 0.3045, 0.3111

Trichromacy



Original Color

74.5410, 0.2966, 0.2920

Protanomaly

74.4625, 0.2920, 0.2937

Deuteranomaly

74.1858, 0.2972, 0.2911

Tritanomaly

74.6364, 0.3014, 0.3040

Monochromacy



Original Color

74.5410, 0.2966, 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 74.5410, 0.2966, 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(229, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.5410, 0.2966, 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(229, 219, 255) }
```

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

```
.border{ border-color:rgb(229, 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(229, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5410, 0.2966, 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(229, 219, 255) }
```

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

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