

Converting Colors

Yxy(74.9948, 0.3000, 0.2953)

Have a look what the booklet for
Yxy(74.9948, 0.3000, 0.2953)
contains.

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Color

Yxy(74.8471, 0.3005, 0.2952)

Conversions

Conversions Part 1

Format	Color
Hex	E8DBFC
RGB	232, 219, 252
RGB Percent	91%, 86%, 99%
CMY	0.0900, 0.1412, 0.0118
CMYK	0.08, 0.13, 0.00, 0.01
HSL	264°, 85%, 92%
HSV	264°, 13%, 99%
XYZ	76.1909, 74.8471, 102.5091
YIQ	226.6490, -2.8450, 13.0190

Conversions

Conversions Part 2

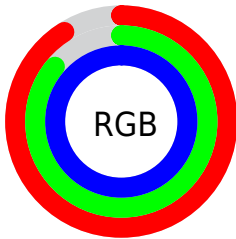
Format	Color
R _Y B	232, 219, 252
Decimal	15260668
CIE Lab	89.32, 10.50, -14.43
CIE LCh	89, 17.846, 306.040
Yxy	74.8471, 0.3005, 0.2952
Android (android.graphics.Color)	4293450748 (0xFFE8DBFC)
YUV	226.6490, 12.4980, 4.6928
Hunter-Lab	86.5142, 5.8006, -9.6917

Details

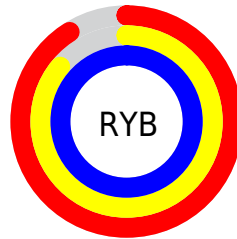
The Yxy color **74.8471, 0.3005, 0.2952** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.0585, 0.3238, 0.3624**, and the grayscale version is **76.4629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7212, 0.2976, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **60.2449, 0.2894, 0.2667**, and if you desaturate by 10%, it is **91.6662, 0.3101, 0.3214**.

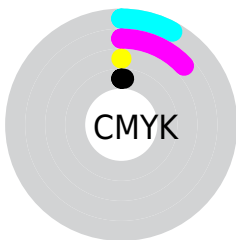
Distribution



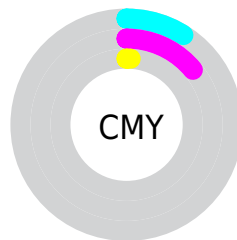
- Red (91%)
- Green (86%)
- Blue (99%)



- Red (91%)
- Yellow (86%)
- Blue (99%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (9%)
- Magenta (14%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.8471, 0.3005, 0.2952 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 74.8471, 0.3005, 0.2952 by changing the saturation by 10% instead.

74.8471, 0.3005,
0.2952

74.8471, 0.3005,
0.2952

477.3919, 0.3062,
0.3104

55.4876, 0.2992,
0.2918

126.0959, 0.3025,
0.3004

39.7923, 0.2975,
0.2877

158.7540, 0.3033,
0.3024

27.3766, 0.2955,
0.2825

196.6138, 0.3039,
0.3042

17.8563, 0.2927,
0.2759

240.0597, 0.3045,
0.3058

10.8469, 0.2890,
0.2672

289.4761, 0.3050,
0.3071

5.9639, 0.2835,
0.2549

345.2473, 0.3055,

2.8232, 0.2750,

0.3084

0.2369

407.7577, 0.3059,
0.3094

■ 1.0401, 0.2599,
0.2076

■ 0.0000, 0.1663,
0.0000

■ 74.8471, 0.3005,
0.2952

■ 74.8471, 0.3005,
0.2952

■ 60.2449, 0.2894,
0.2667

■ 91.6662, 0.3101,
0.3214

■ 47.7554, 0.2768,
0.2364

99.8070, 0.3145,
0.3319

■ 37.2801, 0.2629,
0.2050

■ 28.7085, 0.2478,
0.1739

■ 21.9194, 0.2321,
0.1446

■ 16.7771, 0.2167,
0.1189

■ 13.1252, 0.2022,
0.0985

■ 10.7748, 0.1895,
0.0842

■ 9.7240, 0.1820,
0.0776

Harmonies

Analogous

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



74.8471, 0.2828, 0.2939



74.8471, 0.3005, 0.2952



74.8471, 0.3220, 0.3048

Triad

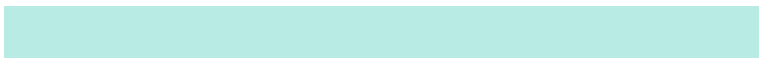
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8471, 0.3005, 0.2952



74.8471, 0.3537, 0.3549



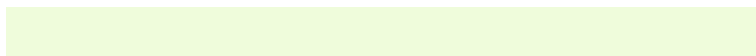
74.8471, 0.2843, 0.3371

Complementary

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



74.8471, 0.3005, 0.2952



93.0585, 0.3238, 0.3624

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.



74.8471, 0.3025, 0.3552



74.8471, 0.3005, 0.2952



74.8471, 0.3428, 0.3652

Square

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



74.8471, 0.3005, 0.2952



74.8471, 0.3533, 0.3384



74.8471, 0.3239, 0.3656



74.8471, 0.2737, 0.3173

Rectangle

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



74.8471, 0.3005, 0.2952



74.8471, 0.3357, 0.3147



74.8471, 0.3239, 0.3656



74.8471, 0.2897, 0.3437

Sweetspot

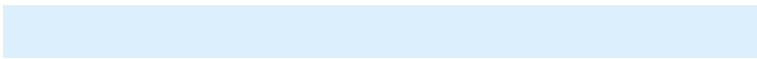
The Sweet Spot groups the original color and five complimentary colors.



74.8503, 0.3005, 0.2952



92.5141, 0.3092, 0.3191



84.0146, 0.2923, 0.3159



19.5095, 0.3086, 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.



74.8503, 0.3005, 0.2952



72.2965, 0.2974, 0.2871



77.6658, 0.3116, 0.2963



16.9783, 0.3041, 0.3049



5.1459, 0.1837, 0.0785



0.5362, 0.1969, 0.0858

Inverse Universe

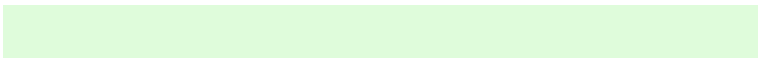
The Inverse Universe completely reimagines the original color for something new.



77.5771, 0.3230, 0.3092



75.6772, 0.3256, 0.3046



90.3849, 0.3135, 0.3634



17.4013, 0.3199, 0.3148



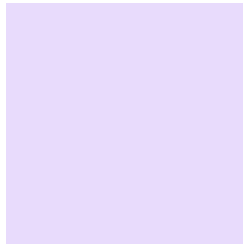
11.9948, 0.4526, 0.2267



1.1318, 0.4326, 0.2157

Previews

White Background



This preview shows how the Yxy color 74.8471, 0.3005, 0.2952 looks on a white background.

Color Contrast Check

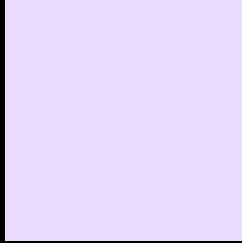
Large Text (above 18pt) WCAG AA × Fail

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 74.8471, 0.3005, 0.2952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

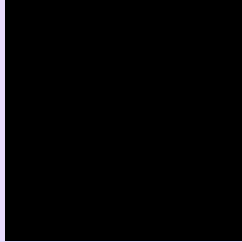
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.8471, 0.3005, 0.2952

Background



This preview shows how black text looks on a background with the Yxy color 74.8471, 0.3005, 0.2952.

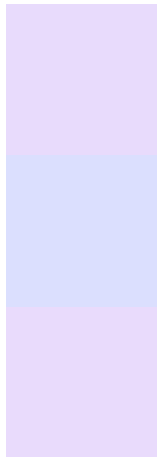


This preview shows how white text looks on a background with the Yxy color 74.8471, 0.3005, 0.2952.

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

74.8471, 0.3005, 0.2952

Protanopia

74.9912, 0.2906, 0.2966

Deuteranopia

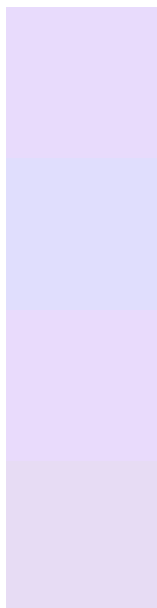
75.0149, 0.3011, 0.2953



Tritanopia

74.7679, 0.3073, 0.3102

Trichromacy



Original Color

74.8471, 0.3005, 0.2952

Protanomaly

75.1817, 0.2945, 0.2968

Deuteranomaly

75.0149, 0.3011, 0.2953

Tritanomaly

74.7070, 0.3048, 0.3041

Monochromacy



Original Color

74.8471, 0.3005, 0.2952

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.0255, 0.3085, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8471, 0.3005, 0.2952 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(232, 219, 252)` looks like.

```
.text, #text, p{  
    color:rgb(232, 219, 252)  
}
```

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(232, 219, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 219, 252) }
```

Border

The CSS property to change the border of an element to Yxy 74.8471, 0.3005, 0.2952 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(232, 219, 252) }
```

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

```
.border{ border-color:rgb(232, 219, 252) }
```

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

Here you see how a box with a 4 pixel rgb(232, 219, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 219, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 219, 252);  
box-shadow:4px 4px 4px 4px rgb(232, 219,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8471, 0.3005, 0.2952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 219, 252) }
```

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

```
.background{ background-color: rgb(232,  
219, 252) }
```

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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