

Converting Colors

$Y_{xy}(73.3371, 0.3012, 0.2982)$

Have a look what the booklet for
Yxy(73.3371, 0.3012, 0.2982)
contains.

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Color

Yxy(73.5162, 0.3016, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	E5DAF7
RGB	229, 218, 247
RGB Percent	90%, 85%, 97%
CMY	0.1018, 0.1451, 0.0314
CMYK	0.07, 0.12, 0.00, 0.03
HSL	263°, 64%, 91%
HSV	263°, 12%, 97%
XYZ	74.1803, 73.5162, 98.2594
YIQ	224.5950, -2.7530, 11.3510

Conversions

Conversions Part 2

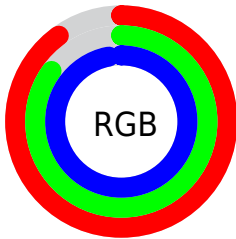
Format	Color
R _Y B	229, 218, 247
Decimal	15063799
CIE Lab	88.69, 9.08, -12.77
CIE LCh	89, 15.668, 305.436
Yxy	73.5162, 0.3016, 0.2989
Android (android.graphics.Color)	4293253879 (0xFFE5DAF7)
YUV	224.5950, 11.0457, 3.8632
Hunter-Lab	85.7416, 4.3835, -7.9269

Details

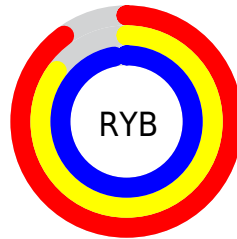
The Yxy color **73.5162, 0.3016, 0.2989** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.3927, 0.3229, 0.3587**, and the grayscale version is **74.9150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8402, 0.2982, 0.2914** is the 20% darker color. If you saturate the color by 10%, you get **59.2453, 0.2905, 0.2707**, and if you desaturate by 10%, it is **89.9232, 0.3112, 0.3248**.

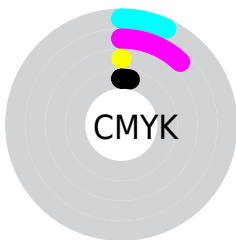
Distribution



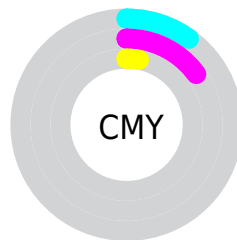
- Red (90%)
- Green (85%)
- Blue (97%)



- Red (90%)
- Yellow (85%)
- Blue (97%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (10%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5162, 0.3016, 0.2989 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 73.5162, 0.3016, 0.2989 by changing the saturation by 10% instead.

73.5162, 0.3016,
0.2989

73.5162, 0.3016,
0.2989

472.8019, 0.3068,
0.3125

54.3982, 0.3004,
0.2959

124.2097, 0.3034,
0.3036

38.9201, 0.2989,
0.2921

156.5540, 0.3041,
0.3054

26.6976, 0.2970,
0.2874

194.0759, 0.3047,
0.3070

17.3462, 0.2945,
0.2814

237.1596, 0.3053,
0.3084

10.4816, 0.2910,
0.2734

286.1897, 0.3057,
0.3096

5.7194, 0.2860,
0.2621

341.5505, 0.3061,

2.6752, 0.2781,

0.3107

0.2451

403.6265, 0.3065,
0.3117

0.9646, 0.2638,
0.2171

0.0000, 0.1029,
0.0000

73.5162, 0.3016,
0.2989

73.5162, 0.3016,
0.2989

59.2453, 0.2905,
0.2707

89.9232, 0.3112,
0.3248

47.0115, 0.2778,
0.2404

99.4942, 0.3174,
0.3367

36.7214, 0.2637,
0.2090

28.2708, 0.2484,
0.1776

■ 21.5454, 0.2325,
0.1478

■ 16.4175, 0.2167,
0.1213

■ 12.7410, 0.2019,
0.0999

■ 10.3409, 0.1889,
0.0846

■ 9.1015, 0.1798,
0.0764

Harmonies

Analogous

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



73.5162, 0.2860, 0.2980



73.5162, 0.3016, 0.2989



73.5162, 0.3206, 0.3073

Triad

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



73.5162, 0.3016, 0.2989



73.5162, 0.3490, 0.3517



73.5162, 0.2879, 0.3366

Complementary

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



73.5162, 0.3016, 0.2989



89.3927, 0.3229, 0.3587

Split Complementary

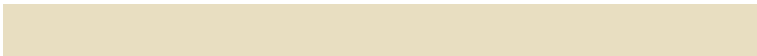
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.5162, 0.3041, 0.3523



73.5162, 0.3016, 0.2989



73.5162, 0.3396, 0.3608

Square

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



73.5162, 0.3016, 0.2989



73.5162, 0.3484, 0.3372



73.5162, 0.3231, 0.3613



73.5162, 0.2783, 0.3191

Rectangle

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



73.5162, 0.3016, 0.2989



73.5162, 0.3327, 0.3160



73.5162, 0.3231, 0.3613



73.5162, 0.2927, 0.3423

Sweetspot

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



73.5193, 0.3016, 0.2989



92.4863, 0.3091, 0.3191



81.8129, 0.2945, 0.3179



19.5025, 0.3085, 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.



73.5193, 0.3016, 0.2989



75.3479, 0.2992, 0.2926



75.9295, 0.3114, 0.2998



16.2345, 0.3039, 0.3050



4.8895, 0.1814, 0.0773



0.4868, 0.1953, 0.0849

Inverse Universe

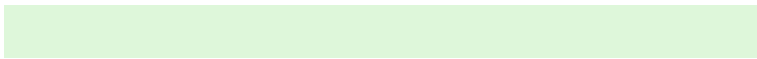
The Inverse Universe completely reimagines the original color for something new.



75.9628, 0.3215, 0.3109



78.4540, 0.3234, 0.3072



87.0788, 0.3138, 0.3595



16.6550, 0.3197, 0.3145



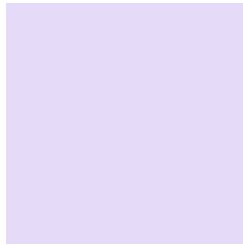
11.7002, 0.4464, 0.2233



1.0483, 0.4264, 0.2123

Previews

White Background



This preview shows how the Yxy color 73.5162, 0.3016, 0.2989 looks on a white background.

Color Contrast Check

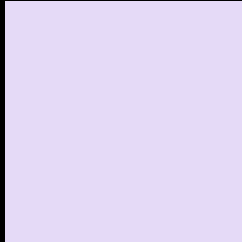
Large Text (above 18pt) WCAG AA × Fail

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 73.5162, 0.3016, 0.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

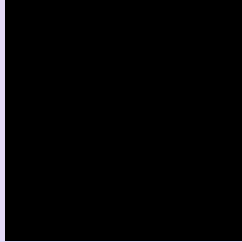
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

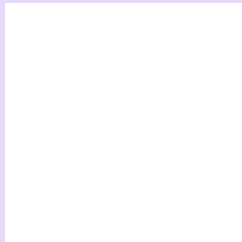
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5162, 0.3016, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 73.5162, 0.3016, 0.2989.

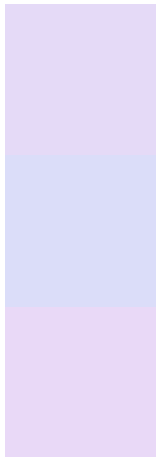


This preview shows how white text looks on a background with the Yxy color 73.5162, 0.3016, 0.2989.

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

73.5162, 0.3016, 0.2989

Protanopia

73.6125, 0.2936, 0.2995

Deuteranopia

73.6647, 0.3043, 0.2981



Tritanopia

73.6317, 0.3065, 0.3111

Trichromacy



Original Color

73.5162, 0.3016, 0.2989

Protanomaly

73.6517, 0.2969, 0.2996

Deuteranomaly

73.4969, 0.3036, 0.2980

Tritanomaly

73.5079, 0.3047, 0.3060

Monochromacy



Original Color

73.5162, 0.3016, 0.2989

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.2945, 0.3084, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5162, 0.3016, 0.2989 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, 218, 247)` looks like.

```
.text, #text, p{  
    color:rgb(229, 218, 247)  
}
```

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, 218, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 218, 247) }
```

Border

The CSS property to change the border of an element to Yxy 73.5162, 0.3016, 0.2989 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, 218, 247) }
```

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

```
.border{ border-color:rgb(229, 218, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 218, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 218, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 218, 247);  
box-shadow:4px 4px 4px 4px rgb(229, 218,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5162, 0.3016, 0.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 218, 247) }
```

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

```
.background{ background-color: rgb(229,  
218, 247) }
```

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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