

Converting Colors

Yxy(73.4443, 0.3006, 0.2889)

Have a look what the booklet for
Yxy(73.4443, 0.3006, 0.2889)
contains.

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Color

Yxy(73.4830, 0.3006, 0.2883)

Conversions

Conversions Part 1

Format	Color
Hex	EBD7FF
RGB	235, 215, 255
RGB Percent	92%, 84%, 100%
CMY	0.0784, 0.1569, 0.0000
CMYK	0.08, 0.16, 0.00, 0.00
HSL	270°, 100%, 92%
HSV	270°, 16%, 100%
XYZ	76.6181, 73.4830, 104.7827
YIQ	225.5400, -0.9200, 16.6800

Conversions

Conversions Part 2

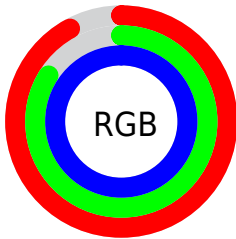
Format	Color
R _Y B	235, 215, 255
Decimal	15456255
CIE Lab	88.68, 14.14, -16.98
CIE LCh	89, 22.096, 309.789
Yxy	73.4830, 0.3006, 0.2883
Android (android.graphics.Color)	4293646335 (0xFFEBD7FF)
YUV	225.5400, 14.5238, 8.2964
Hunter-Lab	85.7222, 9.5285, -12.4677

Details

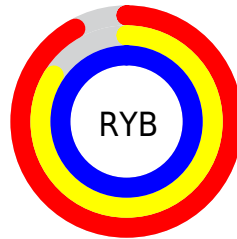
The Yxy color **73.4830, 0.3006, 0.2883** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.0861, 0.3233, 0.3697**, and the grayscale version is **75.5985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8025, 0.2977, 0.2794** is the 20% darker color. If you saturate the color by 10%, you get **59.4018, 0.2913, 0.2599**, and if you desaturate by 10%, it is **89.7450, 0.3087, 0.3149**.

Distribution



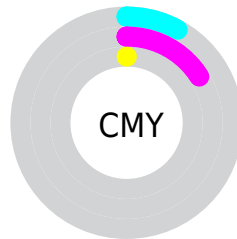
- Red (92%)
- Green (84%)
- Blue (100%)



- Red (92%)
- Yellow (84%)
- Blue (100%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4830, 0.3006, 0.2883 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 73.4830, 0.3006, 0.2883 by changing the saturation by 10% instead.


 73.4830, 0.3006,
0.2883

 73.4830, 0.3006,
0.2883


472.6871, 0.3064,
0.3066

 54.3710, 0.2993,
0.2843


124.1627, 0.3026,
0.2945

 38.8983, 0.2976,
0.2793


156.4991, 0.3034,
0.2970

 26.6807, 0.2954,
0.2732


194.0125, 0.3041,
0.2991

 17.3335, 0.2926,
0.2654

237.0872, 0.3047,
0.3010

 10.4726, 0.2887,
0.2550

286.1076, 0.3052,
0.3026

 5.7134, 0.2830,
0.2407

341.4581, 0.3056,

 2.6716, 0.2739,

0.3041

0.2197

403.5232, 0.3060,
0.3054

0.9628, 0.2577,
0.1864

0.0000, 0.1668,
0.0000

73.4830, 0.3006,
0.2883

73.4830, 0.3006,
0.2883

59.4018, 0.2913,
0.2599

89.7450, 0.3087,
0.3149

47.4023, 0.2806,
0.2302

100.0000, 0.3127,
0.3290

37.3813, 0.2687,
0.2002

29.2253, 0.2559,
0.1710

■ 22.8089, 0.2425,
0.1442

■ 17.9908, 0.2292,
0.1213

■ 14.6061, 0.2165,
0.1036

■ 12.4518, 0.2050,
0.0917

■ 11.7765, 0.2005,
0.0878

Harmonies

Analogous

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



73.4830, 0.2779, 0.2852



73.4830, 0.3006, 0.2883



73.4830, 0.3275, 0.3012

Triad

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



73.4830, 0.3006, 0.2883



73.4830, 0.3629, 0.3630



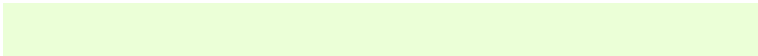
73.4830, 0.2752, 0.3358

Complementary

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



73.4830, 0.3006, 0.2883



94.0861, 0.3233, 0.3697

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.



73.4830, 0.2967, 0.3595



73.4830, 0.3006, 0.2883



73.4830, 0.3475, 0.3749

Square

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



73.4830, 0.3006, 0.2883



73.4830, 0.3644, 0.3431



73.4830, 0.3231, 0.3741



73.4830, 0.2637, 0.3113

Rectangle

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



73.4830, 0.3006, 0.2883



73.4830, 0.3442, 0.3137



73.4830, 0.3231, 0.3741



73.4830, 0.2814, 0.3442

Sweetspot

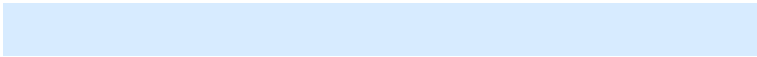
The Sweet Spot groups the original color and five complimentary colors.



73.4838, 0.3006, 0.2883



90.9448, 0.3092, 0.3166



81.0828, 0.2880, 0.3081



19.2033, 0.3087, 0.3148



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.



73.4838, 0.3006, 0.2883



68.5818, 0.2977, 0.2791



77.0797, 0.3145, 0.2900



17.8242, 0.3058, 0.3050



6.2422, 0.2021, 0.0887



0.6727, 0.2144, 0.0955

Inverse Universe

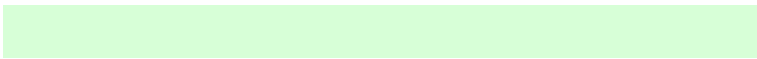
The Inverse Universe completely reimagines the original color for something new.



75.8571, 0.3282, 0.3091



71.4239, 0.3321, 0.3048



90.8729, 0.3107, 0.3713



18.1385, 0.3215, 0.3172



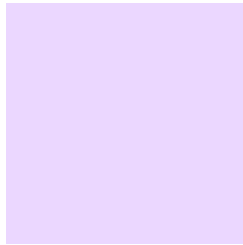
11.9454, 0.4966, 0.2509



1.1851, 0.4711, 0.2369

Previews

White Background



This preview shows how the Yxy color 73.4830, 0.3006, 0.2883 looks on a white background.

Color Contrast Check

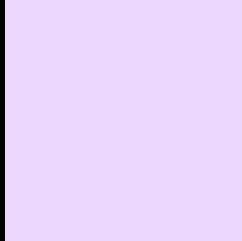
Large Text (above 18pt) WCAG AA × Fail

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 73.4830, 0.3006, 0.2883 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

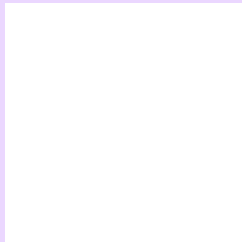
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4830, 0.3006, 0.2883

Background



This preview shows how black text looks on a background with the Yxy color 73.4830, 0.3006, 0.2883.



This preview shows how white text looks on a background with the Yxy color 73.4830, 0.3006, 0.2883.

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

73.4830, 0.3006, 0.2883

Protanopia

73.5318, 0.2880, 0.2932

Deuteranopia

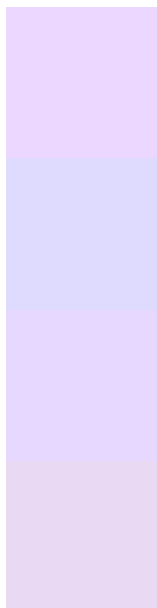
73.5037, 0.2965, 0.2899



Tritanopia

73.3547, 0.3108, 0.3102

Trichromacy



Original Color

73.4830, 0.3006, 0.2883

Protanomaly

73.5710, 0.2926, 0.2916

Deuteranomaly

73.3207, 0.2979, 0.2891

Tritanomaly

73.4204, 0.3069, 0.3021

Monochromacy



Original Color

73.4830, 0.3006, 0.2883

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.0150, 0.3079, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4830, 0.3006, 0.2883 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(235, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 215, 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(235, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 215, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.4830, 0.3006, 0.2883 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(235, 215, 255) }
```

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

```
.border{ border-color:rgb(235, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 215,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4830, 0.3006, 0.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 215, 255) }
```

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

```
.background{ background-color: rgb(235,  
215, 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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