

Converting Colors

$Yxy(70.9155, 0.3003, 0.2975)$

Have a look what the booklet for
Yxy(70.9155, 0.3003, 0.2975)
contains.

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Color

Yxy(71.1401, 0.3007, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	E1D7F4
RGB	225, 215, 244
RGB Percent	88%, 84%, 96%
CMY	0.1179, 0.1568, 0.0432
CMYK	0.08, 0.12, 0.00, 0.04
HSL	261°, 57%, 90%
HSV	261°, 12%, 96%
XYZ	71.6644, 71.1401, 95.5208
YIQ	221.2960, -3.3490, 11.1390

Conversions

Conversions Part 2

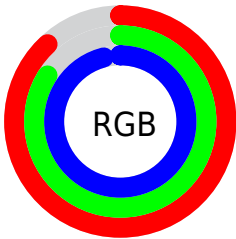
Format	Color
R _Y B	225, 215, 244
Decimal	14800884
CIE Lab	87.55, 8.73, -12.92
CIE LCh	88, 15.595, 304.063
Yxy	71.1401, 0.3007, 0.2985
Android (android.graphics.Color)	4292990964 (0xFFE1D7F4)
YUV	221.2960, 11.1931, 3.2484
Hunter-Lab	84.3446, 4.0617, -8.1051

Details

The Yxy color **71.1401, 0.3007, 0.2985** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.0955, 0.3238, 0.3590**, and the grayscale version is **72.4431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3185, 0.2979, 0.2908** is the 20% darker color. If you saturate the color by 10%, you get **57.1718, 0.2888, 0.2701**, and if you desaturate by 10%, it is **87.2094, 0.3110, 0.3245**.

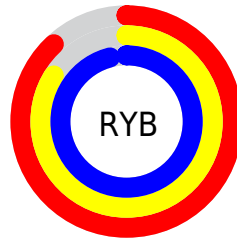
Distribution



Red (88%)

Green (84%)

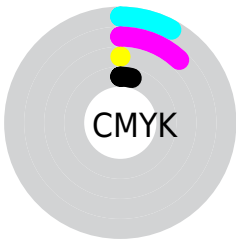
Blue (96%)



Red (88%)

Yellow (84%)

Blue (96%)

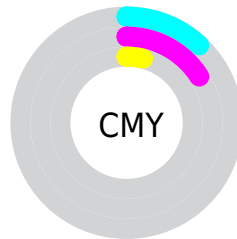


Cyan (8%)

Magenta (12%)

Yellow (0%)

Black (4%)



Cyan (12%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1401, 0.3007, 0.2985 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 71.1401, 0.3007, 0.2985 by changing the saturation by 10% instead.

71.1401, 0.3007,
0.2985

71.1401, 0.3007,
0.2985

464.5430, 0.3064,
0.3124

52.4565, 0.2994,
0.2954

120.8332, 0.3027,
0.3033

37.3691, 0.2977,
0.2915

152.6115, 0.3034,
0.3052

25.4934, 0.2957,
0.2867

189.5235, 0.3041,
0.3068

16.4450, 0.2929,
0.2805

231.9536, 0.3047,
0.3082

9.8396, 0.2891,
0.2721

280.2863, 0.3052,
0.3094

5.2927, 0.2835,
0.2602

334.9058, 0.3056,

2.4200, 0.2746,

0.3105

0.2423

396.1966, 0.3060,
0.3115

■ 0.8362, 0.2585,
0.2121

■ 0.0000, 0.0000,
0.0000

■ 71.1401, 0.3007,
0.2985

■ 71.1401, 0.3007,
0.2985

■ 57.1718, 0.2888,
0.2701

■ 87.2094, 0.3110,
0.3245

■ 45.2070, 0.2753,
0.2395

■ 99.3101, 0.3191,
0.3396

■ 35.1539, 0.2604,
0.2077

■ 26.9101, 0.2443,
0.1758

■ 20.3631, 0.2276,
0.1454

■ 15.3873, 0.2112,
0.1184

■ 11.8391, 0.1961,
0.0967

■ 9.5466, 0.1830,
0.0814

■ 8.3962, 0.1742,
0.0733

Harmonies

Analogous

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



71.1401, 0.2853, 0.2979



71.1401, 0.3007, 0.2985



71.1401, 0.3198, 0.3066

Triad

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



71.1401, 0.3007, 0.2985



71.1401, 0.3494, 0.3513



71.1401, 0.2883, 0.3374

Complementary

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



71.1401, 0.3007, 0.2985



87.0955, 0.3238, 0.3590

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.



71.1401, 0.3049, 0.3531



71.1401, 0.3007, 0.2985



71.1401, 0.3404, 0.3608

Square

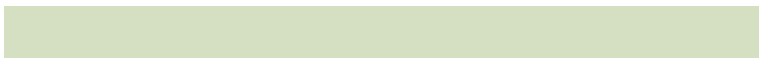
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1401, 0.3007, 0.2985



71.1401, 0.3484, 0.3365



71.1401, 0.3240, 0.3617



71.1401, 0.2783, 0.3198

Rectangle

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



71.1401, 0.3007, 0.2985



71.1401, 0.3320, 0.3153



71.1401, 0.3240, 0.3617



71.1401, 0.2933, 0.3431

Sweetspot

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



71.1431, 0.3007, 0.2985



92.4143, 0.3089, 0.3191



80.0121, 0.2943, 0.3188



19.4843, 0.3082, 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.



71.1431, 0.3007, 0.2985



75.1173, 0.2983, 0.2925



73.5212, 0.3107, 0.2994



16.2027, 0.3033, 0.3049



4.6342, 0.1758, 0.0742



0.4619, 0.1893, 0.0817

Inverse Universe

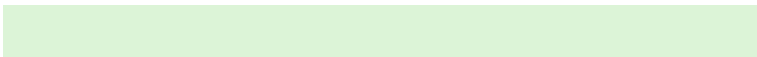
The Inverse Universe completely reimagines the original color for something new.



73.7866, 0.3208, 0.3096



78.5368, 0.3225, 0.3059



84.7860, 0.3144, 0.3598



16.6662, 0.3191, 0.3136



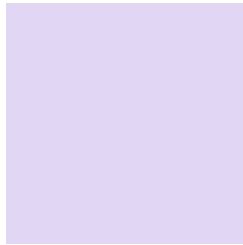
11.8722, 0.4311, 0.2148



1.0627, 0.4137, 0.2052

Previews

White Background



This preview shows how the Yxy color 71.1401, 0.3007, 0.2985 looks on a white background.

Color Contrast Check

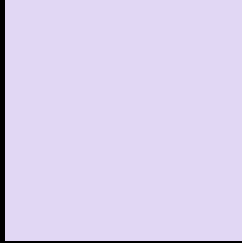
Large Text (above 18pt) WCAG AA × Fail

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 71.1401, 0.3007, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

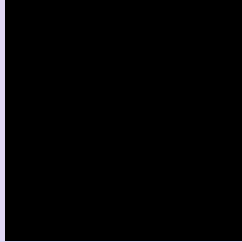
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

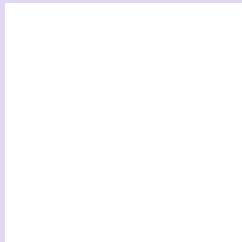
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1401, 0.3007, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 71.1401, 0.3007, 0.2985.

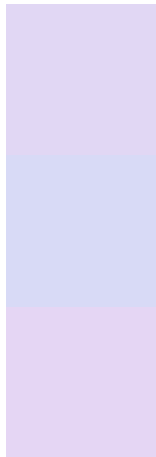


This preview shows how white text looks on a background with the Yxy color 71.1401, 0.3007, 0.2985.

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

71.1401, 0.3007, 0.2985

Protanopia

71.3956, 0.2934, 0.2991

Deuteranopia

71.2828, 0.3035, 0.2976



Tritanopia

71.2542, 0.3058, 0.3108

Trichromacy



Original Color

71.1401, 0.3007, 0.2985

Protanomaly

71.2783, 0.2960, 0.2992

Deuteranomaly

71.1188, 0.3028, 0.2976

Tritanomaly

71.1321, 0.3039, 0.3056

Monochromacy



Original Color

71.1401, 0.3007, 0.2985

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.8498, 0.3083, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1401, 0.3007, 0.2985 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(225, 215, 244)` looks like.

```
.text, #text, p{  
    color:rgb(225, 215, 244)  
}
```

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(225, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 215, 244) }
```

Border

The CSS property to change the border of an element to Yxy 71.1401, 0.3007, 0.2985 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(225, 215, 244) }
```

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

```
.border{ border-color:rgb(225, 215, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 215, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(225, 215,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1401, 0.3007, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 215, 244) }
```

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

```
.background{ background-color: rgb(225,  
215, 244) }
```

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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