

Converting Colors

$Yxy(71.6265, 0.3028, 0.2986)$

Have a look what the booklet for
Yxy(71.6265, 0.3028, 0.2986)
contains.

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Color

Yxy(71.6265, 0.3028, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	E4D7F4
RGB	228, 215, 244
RGB Percent	89%, 84%, 96%
CMY	0.1058, 0.1569, 0.0430
CMYK	0.07, 0.12, 0.00, 0.04
HSL	267°, 57%, 90%
HSV	267°, 12%, 96%
XYZ	72.6340, 71.6265, 95.6139
YIQ	222.1930, -1.5610, 11.7750

Conversions

Conversions Part 2

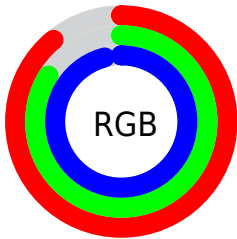
Format	Color
R _Y B	228, 215, 244
Decimal	14997492
CIE Lab	87.79, 9.76, -12.58
CIE LCh	88, 15.921, 307.824
Yxy	71.6265, 0.3028, 0.2986
Android (android.graphics.Color)	4293187572 (0xFFE4D7F4)
YUV	222.1930, 10.7509, 5.0927
Hunter-Lab	84.6324, 5.0870, -7.7405

Details

The Yxy color **71.6265, 0.3028, 0.2986** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.6203, 0.3218, 0.3592**, and the grayscale version is **73.1186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6567, 0.3006, 0.2912** is the 20% darker color. If you saturate the color by 10%, you get **57.9987, 0.2930, 0.2707**, and if you desaturate by 10%, it is **87.2853, 0.3113, 0.3244**.

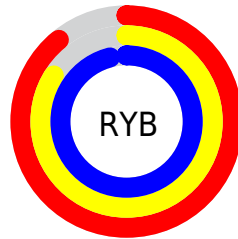
Distribution



Red (89%)

Green (84%)

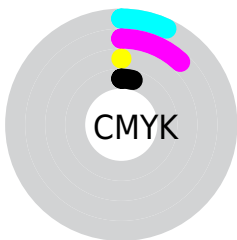
Blue (96%)



Red (89%)

Yellow (84%)

Blue (96%)

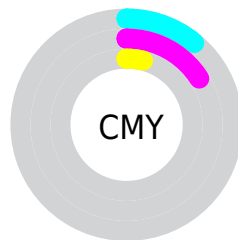


Cyan (7%)

Magenta (12%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (16%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.6265, 0.3028, 0.2986 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 71.6265, 0.3028, 0.2986 by changing the saturation by 10% instead.


 71.6265, 0.3028,
0.2986

 71.6265, 0.3028,
0.2986


466.2405, 0.3075,
0.3124

 52.8536, 0.3017,
0.2955


121.5254, 0.3044,
0.3034

 37.6859, 0.3003,
0.2917


153.4201, 0.3051,
0.3052

 25.7390, 0.2986,
0.2869


190.4577, 0.3056,
0.3068

 16.6285, 0.2963,
0.2807

233.0224, 0.3061,
0.3082

 9.9700, 0.2931,
0.2725

281.4986, 0.3065,
0.3095

 5.3791, 0.2884,
0.2608

336.2708, 0.3069,

 2.4713, 0.2808,

0.3106

0.2432

397.7233, 0.3072,
0.3116

0.8622, 0.2670,
0.2138

0.0000, 0.0091,
0.0000

71.6265, 0.3028,
0.2986

71.6265, 0.3028,
0.2986

57.9987, 0.2930,
0.2707

87.2853, 0.3113,
0.3244

46.3072, 0.2817,
0.2410

99.3016, 0.3190,
0.3395

36.4631, 0.2691,
0.2104

99.3139, 0.3191,
0.3395

28.3667, 0.2554,
0.1800

■ 21.9088, 0.2410,
0.1513

■ 16.9674, 0.2265,
0.1259

■ 13.4024, 0.2126,
0.1053

■ 11.0460, 0.2000,
0.0906

■ 9.8157, 0.1910,
0.0826

Harmonies

Analogous

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



71.6265, 0.2864, 0.2970



71.6265, 0.3028, 0.2986



71.6265, 0.3223, 0.3077

Triad

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



71.6265, 0.3028, 0.2986



71.6265, 0.3495, 0.3533



71.6265, 0.2862, 0.3353

Complementary

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



71.6265, 0.3028, 0.2986



86.6203, 0.3218, 0.3592

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.



71.6265, 0.3024, 0.3518



71.6265, 0.3028, 0.2986



71.6265, 0.3391, 0.3620

Square

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



71.6265, 0.3028, 0.2986



71.6265, 0.3498, 0.3386



71.6265, 0.3218, 0.3617



71.6265, 0.2770, 0.3175

Rectangle

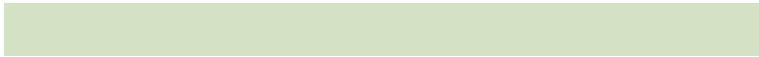
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6265, 0.3028, 0.2986



71.6265, 0.3345, 0.3169



71.6265, 0.3218, 0.3617



71.6265, 0.2910, 0.3412

Sweetspot

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



71.6295, 0.3028, 0.2986



92.6127, 0.3096, 0.3191



78.3853, 0.2942, 0.3156



19.5345, 0.3090, 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.



71.6295, 0.3028, 0.2986



75.7557, 0.3008, 0.2928



74.0269, 0.3127, 0.2995



16.2906, 0.3050, 0.3050



5.4139, 0.1927, 0.0835



0.5359, 0.2065, 0.0911

Inverse Universe

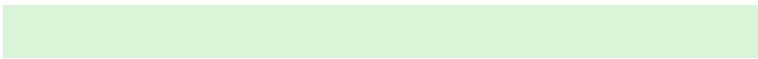
The Inverse Universe completely reimagines the original color for something new.



73.6076, 0.3230, 0.3126



78.3108, 0.3250, 0.3096



84.3711, 0.3125, 0.3601



16.6355, 0.3207, 0.3160



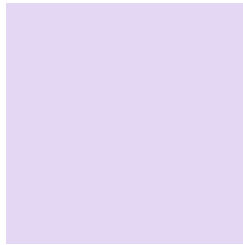
11.4300, 0.4743, 0.2387



1.0253, 0.4498, 0.2251

Previews

White Background



This preview shows how the Yxy color 71.6265, 0.3028, 0.2986 looks on a white background.

Color Contrast Check

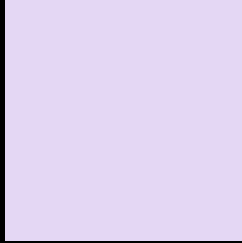
Large Text (above 18pt) WCAG AA × Fail

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 71.6265, 0.3028, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

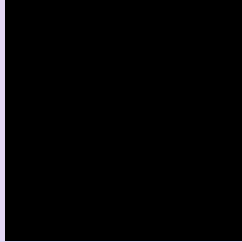
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

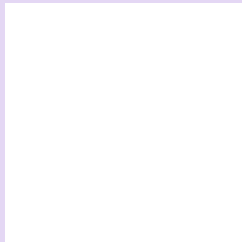
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6265, 0.3028, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 71.6265, 0.3028, 0.2986.

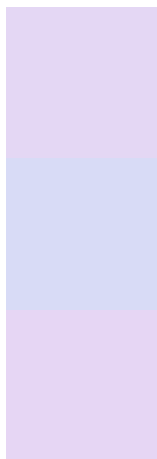


This preview shows how white text looks on a background with the Yxy color 71.6265, 0.3028, 0.2986.

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

71.6265, 0.3028, 0.2986

Protanopia

71.9158, 0.2934, 0.3002

Deuteranopia

71.4478, 0.3042, 0.2977



Tritanopia

71.7350, 0.3079, 0.3109

Trichromacy



Original Color

71.6265, 0.3028, 0.2986

Protanomaly

71.9510, 0.2967, 0.3004

Deuteranomaly

71.2828, 0.3035, 0.2976

Tritanomaly

71.6157, 0.3060, 0.3058

Monochromacy



Original Color

71.6265, 0.3028, 0.2986

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.2235, 0.3090, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6265, 0.3028, 0.2986 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(228, 215, 244)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 215, 244) }
```

Border

The CSS property to change the border of an element to Yxy 71.6265, 0.3028, 0.2986 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(228, 215, 244) }
```

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

```
.border{ border-color:rgb(228, 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(228, 215, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(228, 215,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6265, 0.3028, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 215, 244) }
```

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

```
.background{ background-color: rgb(228,  
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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