

Converting Colors

$Yxy(71.0977, 0.3017, 0.2967)$

Have a look what the booklet for
Yxy(71.0977, 0.3017, 0.2967)
contains.

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Color

Yxy(71.0166, 0.3015, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	E3D6F5
RGB	227, 214, 245
RGB Percent	89%, 84%, 96%
CMY	0.1097, 0.1608, 0.0392
CMYK	0.07, 0.13, 0.00, 0.04
HSL	265°, 61%, 90%
HSV	265°, 13%, 96%
XYZ	72.2142, 71.0166, 96.2856
YIQ	221.4210, -2.2030, 12.3970

Conversions

Conversions Part 2

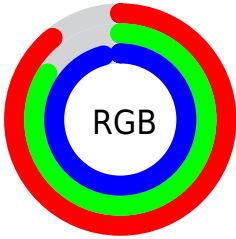
Format	Color
R _Y B	227, 214, 245
Decimal	14931701
CIE Lab	87.49, 10.15, -13.53
CIE LCh	87, 16.918, 306.883
Yxy	71.0166, 0.3015, 0.2965
Android (android.graphics.Color)	4293121781 (0xFFE3D6F5)
YUV	221.4210, 11.6244, 4.8928
Hunter-Lab	84.2713, 5.4862, -8.7528

Details

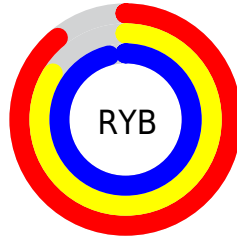
The Yxy color **71.0166, 0.3015, 0.2965** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.3075, 0.3229, 0.3612**, and the grayscale version is **72.5401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2411, 0.2989, 0.2884** is the 20% darker color. If you saturate the color by 10%, you get **57.3233, 0.2910, 0.2683**, and if you desaturate by 10%, it is **86.7712, 0.3105, 0.3225**.

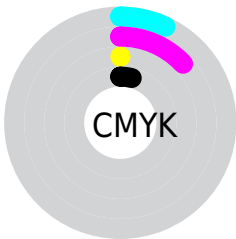
Distribution



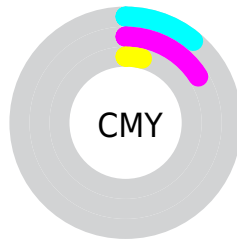
- Red (89%)
- Green (84%)
- Blue (96%)



- Red (89%)
- Yellow (84%)
- Blue (96%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0166, 0.3015, 0.2965 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 71.0166, 0.3015, 0.2965 by changing the saturation by 10% instead.

71.0166, 0.3015,
0.2965

71.0166, 0.3015,
0.2965

464.1115, 0.3068,
0.3113

52.3557, 0.3003,
0.2932

120.6574, 0.3034,
0.3016

37.2887, 0.2987,
0.2891

152.4061, 0.3041,
0.3036

25.4311, 0.2967,
0.2840

189.2862, 0.3047,
0.3053

16.3985, 0.2941,
0.2774

231.6820, 0.3052,
0.3068

9.8066, 0.2905,
0.2686

279.9781, 0.3057,
0.3081

5.2709, 0.2852,
0.2561

334.5588, 0.3061,

2.4071, 0.2766,

0.3093

0.2374

395.8084, 0.3065,
0.3104

■ 0.8295, 0.2610,
0.2059

■ 0.0000, 0.0000,
0.0000

■ 71.0166, 0.3015,
0.2965

■ 71.0166, 0.3015,
0.2965

■ 57.3233, 0.2910,
0.2683

■ 86.7712, 0.3105,
0.3225

■ 45.5948, 0.2790,
0.2383

■ 99.3725, 0.3185,
0.3386

■ 35.7400, 0.2657,
0.2073

■ 27.6570, 0.2512,
0.1765

■ 21.2339, 0.2362,
0.1475

■ 16.3455, 0.2211,
0.1220

■ 12.8478, 0.2069,
0.1016

■ 10.5676, 0.1943,
0.0871

■ 9.4793, 0.1862,
0.0799

Harmonies

Analogous

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



71.0166, 0.2842, 0.2950



71.0166, 0.3015, 0.2965



71.0166, 0.3223, 0.3060

Triad

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



71.0166, 0.3015, 0.2965



71.0166, 0.3521, 0.3544



71.0166, 0.2849, 0.3363

Complementary

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



71.0166, 0.3015, 0.2965



87.3075, 0.3229, 0.3612

Split Complementary

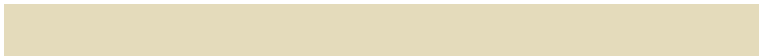
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.0166, 0.3023, 0.3538



71.0166, 0.3015, 0.2965



71.0166, 0.3413, 0.3640

Square

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



71.0166, 0.3015, 0.2965



71.0166, 0.3521, 0.3386



71.0166, 0.3230, 0.3641



71.0166, 0.2749, 0.3173

Rectangle

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



71.0166, 0.3015, 0.2965



71.0166, 0.3354, 0.3156



71.0166, 0.3230, 0.3641



71.0166, 0.2900, 0.3426

Sweetspot

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



71.0196, 0.3015, 0.2965



92.5602, 0.3094, 0.3191



78.6463, 0.2930, 0.3153



19.5212, 0.3088, 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.



71.0196, 0.3015, 0.2965



74.0135, 0.2991, 0.2900



73.6337, 0.3123, 0.2976



16.2673, 0.3045, 0.3050



5.1840, 0.1878, 0.0808



0.5147, 0.2017, 0.0885

Inverse Universe

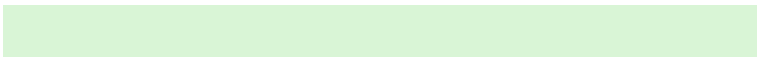
The Inverse Universe completely reimagines the original color for something new.



73.3264, 0.3231, 0.3107



76.9836, 0.3253, 0.3071



84.8460, 0.3128, 0.3622



16.6435, 0.3203, 0.3154



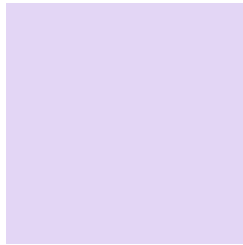
11.5374, 0.4626, 0.2322



1.0345, 0.4399, 0.2197

Previews

White Background



This preview shows how the Yxy color 71.0166, 0.3015, 0.2965 looks on a white background.

Color Contrast Check

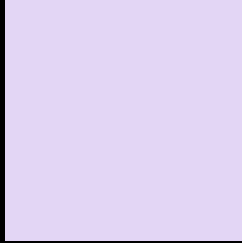
Large Text (above 18pt) WCAG AA × Fail

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 71.0166, 0.3015, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

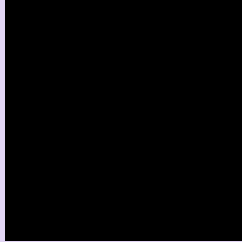
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

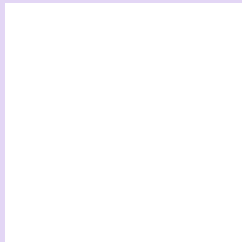
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0166, 0.3015, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 71.0166, 0.3015, 0.2965.



This preview shows how white text looks on a background with the Yxy color 71.0166, 0.3015, 0.2965.

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

71.0166, 0.3015, 0.2965

Protanopia

71.3053, 0.2921, 0.2980

Deuteranopia

70.8391, 0.3029, 0.2956



Tritanopia

71.0025, 0.3078, 0.3109

Trichromacy



Original Color

71.0166, 0.3015, 0.2965

Protanomaly

71.3396, 0.2954, 0.2982

Deuteranomaly

70.6751, 0.3022, 0.2955

Tritanomaly

70.8841, 0.3060, 0.3057

Monochromacy



Original Color

71.0166, 0.3015, 0.2965

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.5440, 0.3083, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0166, 0.3015, 0.2965 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(227, 214, 245)` looks like.

```
.text, #text, p{  
    color:rgb(227, 214, 245)  
}
```

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(227, 214, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 214, 245) }
```

Border

The CSS property to change the border of an element to Yxy 71.0166, 0.3015, 0.2965 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(227, 214, 245) }
```

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

```
.border{ border-color:rgb(227, 214, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 214, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 214, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 214, 245);  
box-shadow:4px 4px 4px 4px rgb(227, 214,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0166, 0.3015, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 214, 245) }
```

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

```
.background{ background-color: rgb(227,  
214, 245) }
```

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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