

Converting Colors

$Y_{xy}(70.2491, 0.3013, 0.2915)$

Have a look what the booklet for
Yxy(70.2491, 0.3013, 0.2915)
contains.

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Color

Yxy(70.4604, 0.3016, 0.2925)

Conversions

Conversions Part 1

Format	Color
Hex	E5D4F7
RGB	229, 212, 247
RGB Percent	90%, 83%, 97%
CMY	0.1019, 0.1686, 0.0313
CMYK	0.07, 0.14, 0.00, 0.03
HSL	269°, 69%, 90%
HSV	269°, 14%, 97%
XYZ	72.6525, 70.4604, 97.7774
YIQ	221.0730, -1.1030, 14.4890

Conversions

Conversions Part 2

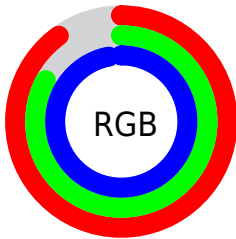
Format	Color
R _Y B	229, 212, 247
Decimal	15062263
CIE Lab	87.22, 12.24, -14.99
CIE LCh	87, 19.351, 309.248
Yxy	70.4604, 0.3016, 0.2925
Android (android.graphics.Color)	4293252343 (0xFFE5D4F7)
YUV	221.0730, 12.7820, 6.9520
Hunter-Lab	83.9407, 7.5994, -10.3048

Details

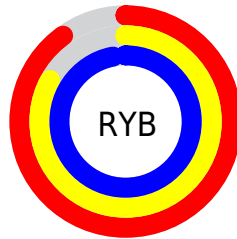
The Yxy color $70.4604, 0.3016, 0.2925$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $88.1039, 0.3226, 0.3655$, and the grayscale version is $72.2737, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.7598, 0.2981, 0.2832$ is the 20% darker color. If you saturate the color by 10%, you get $57.0323, 0.2922, 0.2643$, and if you desaturate by 10%, it is $85.9362, 0.3097, 0.3187$.

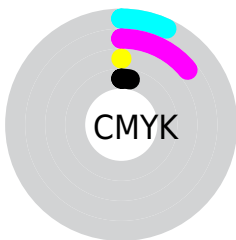
Distribution



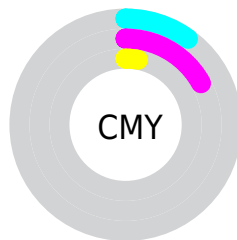
- Red (90%)
- Green (83%)
- Blue (97%)



- Red (90%)
- Yellow (83%)
- Blue (97%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (10%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.4604, 0.3016, 0.2925 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 70.4604, 0.3016, 0.2925 by changing the saturation by 10% instead.

70.4604, 0.3016,
0.2925

70.4604, 0.3016,
0.2925

462.1649, 0.3069,
0.3091

51.9020, 0.3004,
0.2888

119.8651, 0.3035,
0.2982

36.9269, 0.2988,
0.2843

151.4801, 0.3042,
0.3004

25.1509, 0.2968,
0.2786

188.2161, 0.3048,
0.3023

16.1895, 0.2941,
0.2712

230.4575, 0.3053,
0.3040

9.6584, 0.2904,
0.2614

278.5887, 0.3058,
0.3055

5.1730, 0.2850,
0.2477

332.9941, 0.3062,

2.3491, 0.2762,

0.3068

0.2272

394.0580, 0.3066,
0.3080

0.7995, 0.2601,
0.1929

0.0000, 0.0091,
0.0000

70.4604, 0.3016,
0.2925

70.4604, 0.3016,
0.2925

57.0323, 0.2922,
0.2643

85.9362, 0.3097,
0.3187

45.5542, 0.2814,
0.2347

99.3833, 0.3170,
0.3366

35.9334, 0.2694,
0.2045

99.4963, 0.3173,
0.3366

28.0662, 0.2564,
0.1749

■ 21.8383, 0.2428,
0.1474

■ 17.1213, 0.2291,
0.1236

■ 13.7665, 0.2161,
0.1048

■ 11.5928, 0.2042,
0.0918

■ 10.7187, 0.1979,
0.0864

Harmonies

Analogous

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



70.4604, 0.2814, 0.2899



70.4604, 0.3016, 0.2925



70.4604, 0.3255, 0.3039

Triad

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



70.4604, 0.3016, 0.2925



70.4604, 0.3574, 0.3591



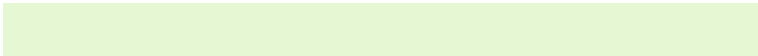
70.4604, 0.2796, 0.3356

Complementary

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



70.4604, 0.3016, 0.2925



88.1039, 0.3226, 0.3655

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.



70.4604, 0.2990, 0.3563



70.4604, 0.3016, 0.2925



70.4604, 0.3440, 0.3697

Square

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



70.4604, 0.3016, 0.2925



70.4604, 0.3584, 0.3414



70.4604, 0.3225, 0.3689



70.4604, 0.2691, 0.3138

Rectangle

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



70.4604, 0.3016, 0.2925



70.4604, 0.3403, 0.3151



70.4604, 0.3225, 0.3689



70.4604, 0.2853, 0.3429

Sweetspot

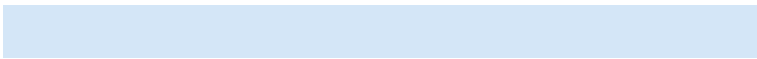
The Sweet Spot groups the original color and five complimentary colors.



70.4634, 0.3016, 0.2925



92.6837, 0.3098, 0.3191



77.3557, 0.2905, 0.3110



19.5524, 0.3093, 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.



70.4634, 0.3016, 0.2925



71.4108, 0.2991, 0.2847



73.4719, 0.3139, 0.2939



16.3222, 0.3056, 0.3051



5.7519, 0.1996, 0.0873



0.5665, 0.2133, 0.0948

Inverse Universe

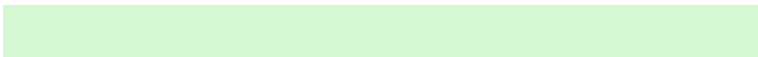
The Inverse Universe completely reimagines the original color for something new.



72.5738, 0.3261, 0.3107



74.1079, 0.3293, 0.3068



85.3669, 0.3113, 0.3667



16.6246, 0.3213, 0.3169



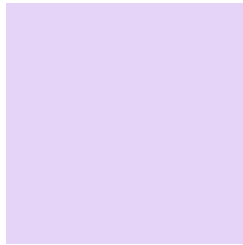
11.2954, 0.4902, 0.2474



1.0135, 0.4632, 0.2325

Previews

White Background



This preview shows how the Yxy color 70.4604, 0.3016, 0.2925 looks on a white background.

Color Contrast Check

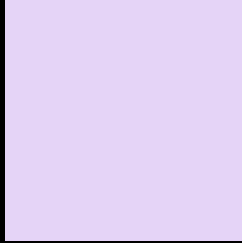
Large Text (above 18pt) WCAG AA × Fail

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 70.4604, 0.3016, 0.2925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

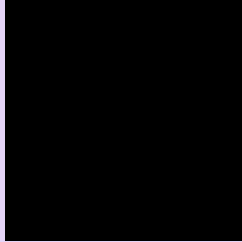
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

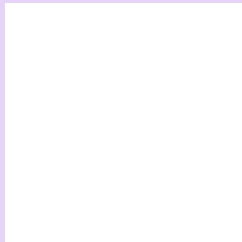
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.4604, 0.3016, 0.2925

Background



This preview shows how black text looks on a background with the Yxy color 70.4604, 0.3016, 0.2925.

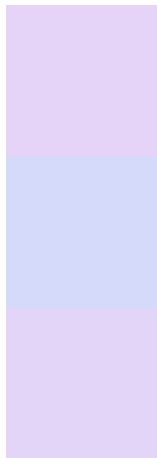


This preview shows how white text looks on a background with the Yxy color 70.4604, 0.3016, 0.2925.

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

70.4604, 0.3016, 0.2925

Protanopia

70.6740, 0.2889, 0.2937

Deuteranopia

70.6348, 0.3002, 0.2934



Tritanopia

70.7580, 0.3100, 0.3109

Trichromacy



Original Color

70.4604, 0.3016, 0.2925

Protanomaly

70.5005, 0.2935, 0.2930

Deuteranomaly

70.7979, 0.3009, 0.2935

Tritanomaly

70.7015, 0.3074, 0.3047

Monochromacy



Original Color

70.4604, 0.3016, 0.2925

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.7033, 0.3091, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4604, 0.3016, 0.2925 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, 212, 247)` looks like.

```
.text, #text, p{  
    color:rgb(229, 212, 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, 212, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 212, 247) }
```

Border

The CSS property to change the border of an element to Yxy 70.4604, 0.3016, 0.2925 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, 212, 247) }
```

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

```
.border{ border-color:rgb(229, 212, 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, 212, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 212, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 212, 247);  
box-shadow:4px 4px 4px 4px rgb(229, 212,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4604, 0.3016, 0.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 212, 247) }
```

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

```
.background{ background-color: rgb(229,  
212, 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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