

Converting Colors

$Yxy(71.7736, 0.3049, 0.2972)$

Have a look what the booklet for
Yxy(71.7736, 0.3049, 0.2972)
contains.

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Color

Yxy(71.8415, 0.3050, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	E8D6F5
RGB	232, 214, 245
RGB Percent	91%, 84%, 96%
CMY	0.0902, 0.1607, 0.0394
CMYK	0.05, 0.13, 0.00, 0.04
HSL	275°, 61%, 90%
HSV	275°, 13%, 96%
XYZ	73.8015, 71.8415, 96.3291
YIQ	222.9160, 0.7770, 13.4570

Conversions

Conversions Part 2

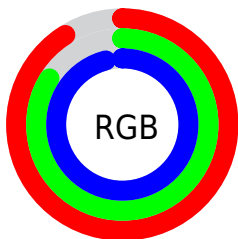
Format	Color
R _Y B	232, 214, 245
Decimal	15259381
CIE Lab	87.89, 11.75, -12.87
CIE LCh	88, 17.431, 312.394
Yxy	71.8415, 0.3050, 0.2969
Android (android.graphics.Color)	4293449461 (0xFFE8D6F5)
YUV	222.9160, 10.8874, 7.9667
Hunter-Lab	84.7594, 7.0942, -8.0516

Details

The Yxy color **71.8415, 0.3050, 0.2969** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.4610, 0.3196, 0.3615**, and the grayscale version is **73.6508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7005, 0.3025, 0.2888** is the 20% darker color. If you saturate the color by 10%, you get **58.6966, 0.2977, 0.2695**, and if you desaturate by 10%, it is **86.9572, 0.3112, 0.3226**.

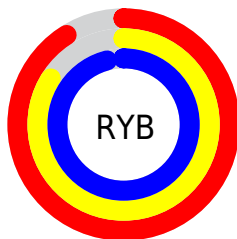
Distribution



Red (91%)

Green (84%)

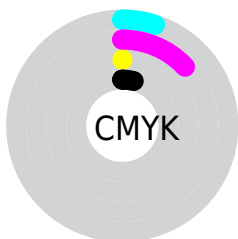
Blue (96%)



Red (91%)

Yellow (84%)

Blue (96%)

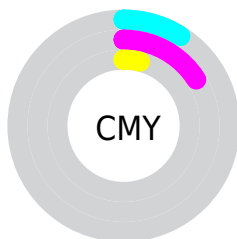


Cyan (5%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (9%)


Magenta (16%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.8415, 0.3050, 0.2969 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 71.8415, 0.3050, 0.2969 by changing the saturation by 10% instead.


 71.8415, 0.3050,
0.2969

 71.8415, 0.3050,
0.2969

466.9897, 0.3087,
0.3115

 53.0292, 0.3041,
0.2936


121.8312, 0.3063,
0.3019

 37.8261, 0.3030,
0.2897

153.7773, 0.3068,
0.3039

 25.8477, 0.3016,
0.2847


190.8702, 0.3072,
0.3055

 16.7098, 0.2998,
0.2782

233.4943, 0.3076,
0.3070

 10.0278, 0.2971,
0.2696

282.0338, 0.3079,
0.3083

 5.4174, 0.2933,
0.2575

336.8733, 0.3082,

 2.4942, 0.2870,

0.3095

0.2394

398.3972, 0.3085,
0.3105

0.8737, 0.2752,
0.2094

0.0000, 0.0916,
0.0000

71.8415, 0.3050,
0.2969

71.8415, 0.3050,
0.2969

58.6966, 0.2977,
0.2695

86.9572, 0.3112,
0.3226

47.4285, 0.2892,
0.2409

98.9014, 0.3170,
0.3387

37.9495, 0.2797,
0.2119

99.3700, 0.3185,
0.3386

30.1608, 0.2692,
0.1837

■ 23.9538, 0.2580,
0.1575

■ 19.2069, 0.2466,
0.1347

■ 15.7801, 0.2354,
0.1166

■ 13.5041, 0.2248,
0.1037

■ 12.3766, 0.2175,
0.0972

Harmonies

Analogous

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



71.8415, 0.2863, 0.2938



71.8415, 0.3050, 0.2969



71.8415, 0.3264, 0.3079

Triad

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



71.8415, 0.3050, 0.2969



71.8415, 0.3519, 0.3575



71.8415, 0.2816, 0.3328

Complementary

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



71.8415, 0.3050, 0.2969



86.4610, 0.3196, 0.3615

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.



71.8415, 0.2984, 0.3516



71.8415, 0.3050, 0.2969



71.8415, 0.3390, 0.3658

Square

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



71.8415, 0.3050, 0.2969



71.8415, 0.3540, 0.3421



71.8415, 0.3193, 0.3639



71.8415, 0.2731, 0.3136

Rectangle

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



71.8415, 0.3050, 0.2969



71.8415, 0.3393, 0.3183



71.8415, 0.3193, 0.3639



71.8415, 0.2864, 0.3394

Sweetspot

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



71.8446, 0.3050, 0.2969



92.8629, 0.3104, 0.3192



76.0567, 0.2929, 0.3103



19.5978, 0.3100, 0.3173



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.



71.8446, 0.3050, 0.2969



75.0652, 0.3033, 0.2905



73.9682, 0.3156, 0.2998



16.4025, 0.3071, 0.3052



6.7533, 0.2190, 0.0980



0.6539, 0.2314, 0.1048

Inverse Universe

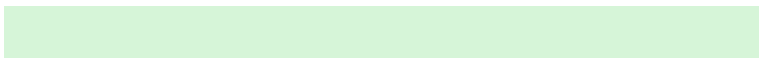
The Inverse Universe completely reimagines the original color for something new.



73.0477, 0.3265, 0.3157



76.6266, 0.3296, 0.3131



84.5392, 0.3099, 0.3600



16.5976, 0.3228, 0.3191



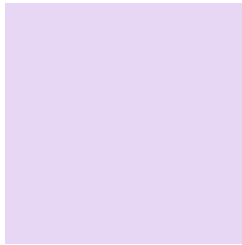
11.0070, 0.5303, 0.2695



0.9874, 0.4979, 0.2517

Previews

White Background



This preview shows how the Yxy color 71.8415, 0.3050, 0.2969 looks on a white background.

Color Contrast Check

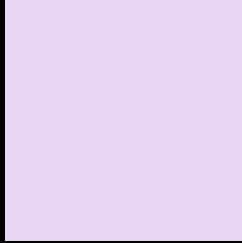
Large Text (above 18pt) WCAG AA × Fail

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 71.8415, 0.3050, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

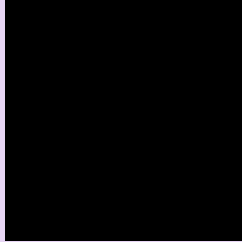
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

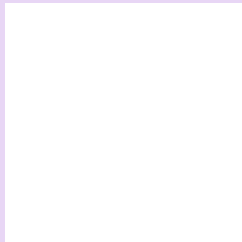
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8415, 0.3050, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 71.8415, 0.3050, 0.2969.



This preview shows how white text looks on a background with the Yxy color 71.8415, 0.3050, 0.2969.

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

71.8415, 0.3050, 0.2969

Protanopia

72.0393, 0.2922, 0.2981

Deuteranopia

72.1824, 0.3043, 0.2978



Tritanopia

71.8179, 0.3114, 0.3111

Trichromacy



Original Color

71.8415, 0.3050, 0.2969

Protanomaly

71.8707, 0.2968, 0.2974

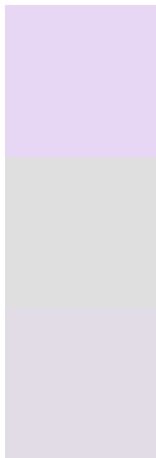
Deuteranomaly

72.1824, 0.3043, 0.2978

Tritanomaly

71.7042, 0.3095, 0.3059

Monochromacy



Original Color

71.8415, 0.3050, 0.2969

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.1247, 0.3097, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8415, 0.3050, 0.2969 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(232, 214, 245)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 214, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 214, 245) }
```

Border

The CSS property to change the border of an element to Yxy 71.8415, 0.3050, 0.2969 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(232, 214, 245) }
```

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

```
.border{ border-color:rgb(232, 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(232, 214, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 214, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 214, 245);  
box-shadow:4px 4px 4px 4px rgb(232, 214,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8415, 0.3050, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 214, 245) }
```

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

```
.background{ background-color: rgb(232,  
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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