

Converting Colors

$Y_{xy}(72.9925, 0.3075, 0.2887)$

Have a look what the booklet for
Yxy(72.9925, 0.3075, 0.2887)
contains.

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Color

Yxy(72.9925, 0.3075, 0.2887)

Conversions

Conversions Part 1

Format	Color
Hex	F2D4FC
RGB	242, 212, 252
RGB Percent	95%, 83%, 99%
CMY	0.0508, 0.1687, 0.0117
CMYK	0.04, 0.16, 0.00, 0.01
HSL	285°, 87%, 91%
HSV	285°, 16%, 99%
XYZ	77.7457, 72.9925, 102.0934
YIQ	225.5300, 5.0400, 18.8000

Conversions

Conversions Part 2

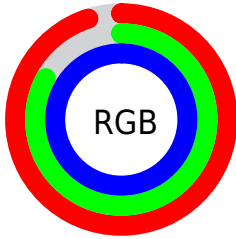
Format	Color
R _Y B	242, 212, 252
Decimal	15914236
CIE Lab	88.44, 17.42, -15.68
CIE LCh	88, 23.435, 318.012
Yxy	72.9925, 0.3075, 0.2887
Android (android.graphics.Color)	4294104316 (0xFFF2D4FC)
YUV	225.5300, 13.0497, 14.4442
Hunter-Lab	85.4356, 12.9211, -11.0451

Details

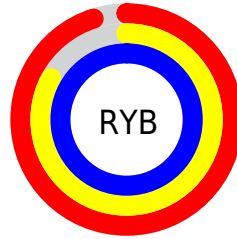
The Yxy color $72.9925, 0.3075, 0.2887$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89.9004, 0.3170, 0.3711$, and the grayscale version is $75.6036, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.4932, 0.3066, 0.2800$ is the 20% darker color. If you saturate the color by 10%, you get $60.2742, 0.3034, 0.2619$, and if you desaturate by 10%, it is $87.7214, 0.3110, 0.3145$.

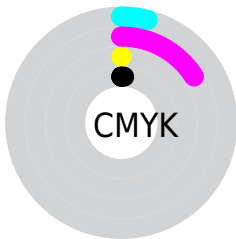
Distribution



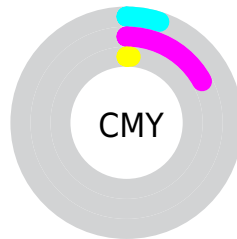
- Red (95%)
- Green (83%)
- Blue (99%)



- Red (95%)
- Yellow (83%)
- Blue (99%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9925, 0.3075, 0.2887 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 72.9925, 0.3075, 0.2887 by changing the saturation by 10% instead.


 72.9925, 0.3075,
0.2887

 72.9925, 0.3075,
0.2887

470.9888, 0.3101,
0.3068

 53.9698, 0.3069,
0.2847


123.4666, 0.3085,
0.2949

 38.5775, 0.3060,
0.2798


155.6867, 0.3088,
0.2973

 26.4312, 0.3050,
0.2738


193.0749, 0.3091,
0.2994

 17.1465, 0.3035,
0.2661

236.0154, 0.3094,
0.3012

 10.3390, 0.3014,
0.2558

284.8926, 0.3096,
0.3029

 5.6243, 0.2983,
0.2417

340.0910, 0.3098,

 2.6180, 0.2930,

0.3043

0.2210

401.9950, 0.3100,
0.3056

0.9357, 0.2829,
0.1881

0.0000, 0.2235,
0.0000

72.9925, 0.3075,
0.2887

72.9925, 0.3075,
0.2887

60.2742, 0.3034,
0.2619

87.7214, 0.3110,
0.3145

49.4657, 0.2985,
0.2348

99.7315, 0.3142,
0.3319

40.4718, 0.2930,
0.2083

99.8089, 0.3144,
0.3319

33.1849, 0.2869,
0.1835

■ 27.4862, 0.2804,
0.1616

■ 23.2412, 0.2736,
0.1437

■ 20.2928, 0.2668,
0.1304

■ 18.4462, 0.2602,
0.1218

■ 17.8869, 0.2575,
0.1192

Harmonies

Analogous

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



72.9925, 0.2815, 0.2823



72.9925, 0.3075, 0.2887



72.9925, 0.3361, 0.3046

Triad

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



72.9925, 0.3075, 0.2887



72.9925, 0.3629, 0.3696



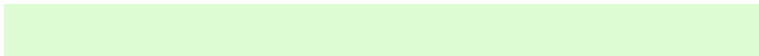
72.9925, 0.2683, 0.3288

Complementary

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



72.9925, 0.3075, 0.2887



89.9004, 0.3170, 0.3711

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.



72.9925, 0.2886, 0.3552



72.9925, 0.3075, 0.2887



72.9925, 0.3432, 0.3791

Square

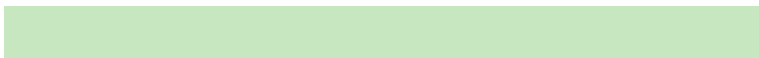
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9925, 0.3075, 0.2887



72.9925, 0.3688, 0.3502



72.9925, 0.3159, 0.3741



72.9925, 0.2597, 0.3039

Rectangle

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



72.9925, 0.3075, 0.2887



72.9925, 0.3524, 0.3189



72.9925, 0.3159, 0.3741



72.9925, 0.2740, 0.3378

Sweetspot

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



72.9956, 0.3075, 0.2887



91.5365, 0.3112, 0.3167



73.2626, 0.2872, 0.2971



19.3473, 0.3110, 0.3149



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.



72.9956, 0.3075, 0.2887



70.6728, 0.3063, 0.2804



74.1887, 0.3214, 0.2991



17.2944, 0.3098, 0.3053



9.3897, 0.2586, 0.1198



0.9193, 0.2663, 0.1241

Inverse Universe

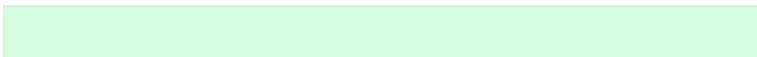
The Inverse Universe completely reimagines the original color for something new.



73.0486, 0.3356, 0.3189



70.7616, 0.3411, 0.3168



88.8953, 0.3050, 0.3609



17.2960, 0.3255, 0.3231



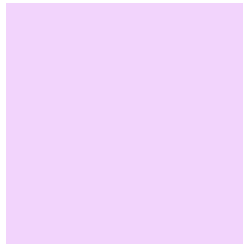
10.9853, 0.5937, 0.3044



1.0336, 0.5606, 0.2862

Previews

White Background



This preview shows how the Yxy color 72.9925, 0.3075, 0.2887 looks on a white background.

Color Contrast Check

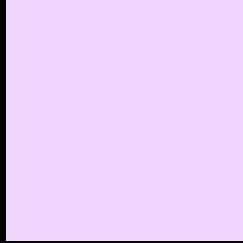
Large Text (above 18pt) WCAG AA × Fail

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 72.9925, 0.3075, 0.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

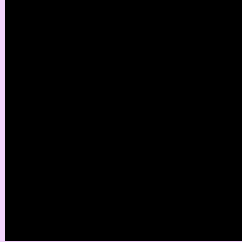
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

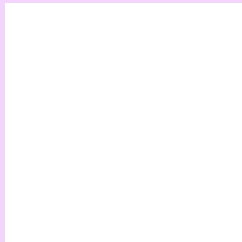
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9925, 0.3075, 0.2887

Background



This preview shows how black text looks on a background with the Yxy color 72.9925, 0.3075, 0.2887.

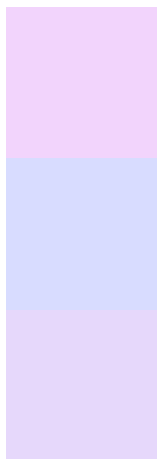


This preview shows how white text looks on a background with the Yxy color 72.9925, 0.3075, 0.2887.

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

72.9925, 0.3075, 0.2887

Protanopia

73.0053, 0.2880, 0.2922

Deuteranopia

72.8998, 0.2997, 0.2929



Tritanopia

72.7778, 0.3186, 0.3114

Trichromacy



Original Color

72.9925, 0.3075, 0.2887

Protanomaly

72.7890, 0.2945, 0.2906

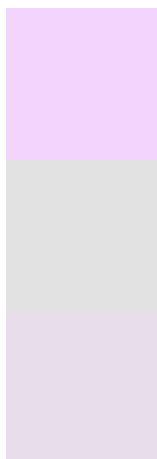
Deuteranomaly

73.0583, 0.3025, 0.2921

Tritanomaly

72.8504, 0.3146, 0.3034

Monochromacy



Original Color

72.9925, 0.3075, 0.2887

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.8669, 0.3113, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9925, 0.3075, 0.2887 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(242, 212, 252)` looks like.

```
.text, #text, p{  
    color:rgb(242, 212, 252)  
}
```

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(242, 212, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 212, 252) }
```

Border

The CSS property to change the border of an element to Yxy 72.9925, 0.3075, 0.2887 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(242, 212, 252) }
```

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

```
.border{ border-color:rgb(242, 212, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 212, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 212, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 212, 252);  
box-shadow:4px 4px 4px 4px rgb(242, 212,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9925, 0.3075, 0.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 212, 252) }
```

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

```
.background{ background-color: rgb(242,  
212, 252) }
```

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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