

Converting Colors

$Yxy(74.0864, 0.2944, 0.2988)$

Have a look what the booklet for
Yxy(74.0864, 0.2944, 0.2988)
contains.

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Color

Yxy(73.9872, 0.2943, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	DDDDFA
RGB	221, 221, 250
RGB Percent	87%, 87%, 98%
CMY	0.1335, 0.1333, 0.0196
CMYK	0.12, 0.12, 0.00, 0.02
HSL	240°, 74%, 92%
HSV	240°, 12%, 98%
XYZ	72.9217, 73.9872, 100.8714
YIQ	224.3060, -9.3090, 9.0190

Conversions

Conversions Part 2

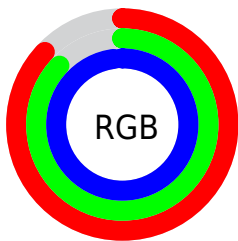
Format	Color
R _Y B	221, 221, 250
Decimal	14540282
CIE Lab	88.92, 5.50, -14.08
CIE LCh	89, 15.116, 291.353
Yxy	73.9872, 0.2943, 0.2986
Android (android.graphics.Color)	4292730362 (0xFFDDDDFA)
YUV	224.3060, 12.6671, -2.8994
Hunter-Lab	86.0158, 0.7995, -9.3187

Details

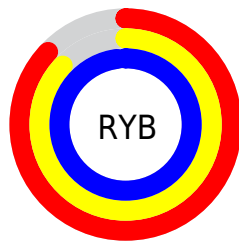
The Yxy color **73.9872, 0.2943, 0.2986** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.8773, 0.3301, 0.3577**, and the grayscale version is **74.6827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2745, 0.2898, 0.2911** is the 20% darker color. If you saturate the color by 10%, you get **58.1392, 0.2762, 0.2687**, and if you desaturate by 10%, it is **92.3847, 0.3103, 0.3251**.

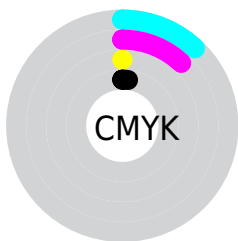
Distribution



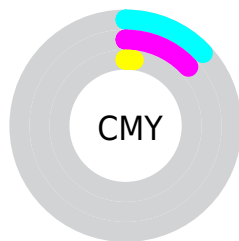
- Red (87%)
- Green (87%)
- Blue (98%)



- Red (87%)
- Yellow (87%)
- Blue (98%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9872, 0.2943, 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 73.9872, 0.2943, 0.2986 by changing the saturation by 10% instead.

■ 73.9872, 0.2943,
0.2986

■ 73.9872, 0.2943,
0.2986

474.4292, 0.3028,
0.3124

■ 54.7836, 0.2924,
0.2955

124.8777, 0.2973,
0.3033

■ 39.2285, 0.2900,
0.2917

157.3333, 0.2984,
0.3052

■ 26.9375, 0.2869,
0.2869

194.9750, 0.2994,
0.3068

■ 17.5263, 0.2830,
0.2808

238.1872, 0.3003,
0.3082

■ 10.6104, 0.2776,
0.2726

287.3544, 0.3010,
0.3095

■ 5.8055, 0.2699,
0.2610

342.8608, 0.3017,

■ 2.7272, 0.2580,

0.3106

0.2437

405.0910, 0.3023,
0.3115

0.9910, 0.2373,
0.2149

0.0000, 0.0233,
0.0000

73.9872, 0.2943,
0.2986

73.9872, 0.2943,
0.2986

58.1392, 0.2762,
0.2687

92.3847, 0.3103,
0.3251

44.7196, 0.2561,
0.2356

99.6816, 0.3156,
0.3338

33.6112, 0.2347,
0.2002

24.6837, 0.2130,
0.1643

■ 17.7936, 0.1924,
0.1303

■ 12.7805, 0.1747,
0.1009

■ 9.4599, 0.1613,
0.0788

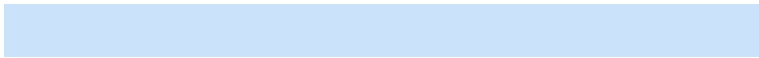
■ 7.6100, 0.1532,
0.0654

■ 6.9104, 0.1500,
0.0601

Harmonies

Analogous

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



73.9872, 0.2822, 0.3014



73.9872, 0.2943, 0.2986



73.9872, 0.3116, 0.3035

Triad

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



73.9872, 0.2943, 0.2986



73.9872, 0.3486, 0.3448



73.9872, 0.2955, 0.3439

Complementary

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



73.9872, 0.2943, 0.2986



93.8773, 0.3301, 0.3577

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.



73.9872, 0.3130, 0.3565



73.9872, 0.2943, 0.2986



73.9872, 0.3439, 0.3564

Square

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



73.9872, 0.2943, 0.2986



73.9872, 0.3434, 0.3295



73.9872, 0.3307, 0.3610



73.9872, 0.2829, 0.3273

Rectangle

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



73.9872, 0.2943, 0.2986



73.9872, 0.3239, 0.3104



73.9872, 0.3307, 0.3610



73.9872, 0.3010, 0.3488

Sweetspot

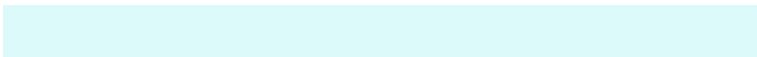
The Sweet Spot groups the original color and five complimentary colors.



73.9903, 0.2943, 0.2986



93.8013, 0.3082, 0.3216



90.6041, 0.2951, 0.3294



19.7318, 0.3070, 0.3196



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.



73.9903, 0.2943, 0.2986



73.1767, 0.2901, 0.2917



76.2596, 0.3037, 0.2994



16.6476, 0.2979, 0.3045



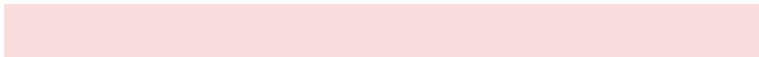
3.6678, 0.1500, 0.0601



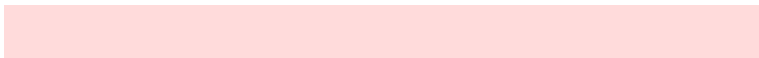
0.3412, 0.1501, 0.0604

Inverse Universe

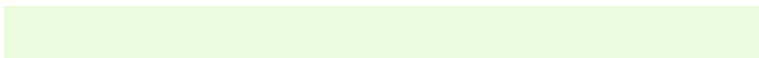
The Inverse Universe completely reimagines the original color for something new.



77.2402, 0.3336, 0.3290



77.2131, 0.3387, 0.3290



91.4110, 0.3209, 0.3586



17.2257, 0.3294, 0.3290



10.7812, 0.6399, 0.3299



0.9987, 0.6395, 0.3296

Previews

White Background



This preview shows how the Yxy color 73.9872, 0.2943, 0.2986 looks on a white background.

Color Contrast Check

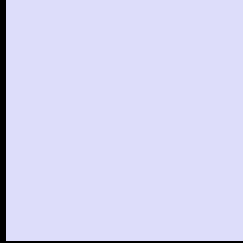
Large Text (above 18pt) WCAG AA × Fail

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 73.9872, 0.2943, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

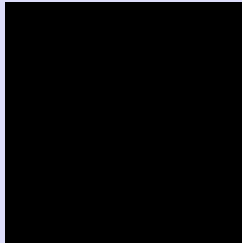
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9872, 0.2943, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 73.9872, 0.2943, 0.2986.

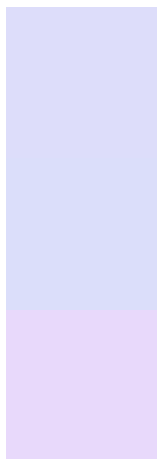


This preview shows how white text looks on a background with the Yxy color 73.9872, 0.2943, 0.2986.

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

73.9872, 0.2943, 0.2986

Protanopia

74.2047, 0.2930, 0.2995

Deuteranopia

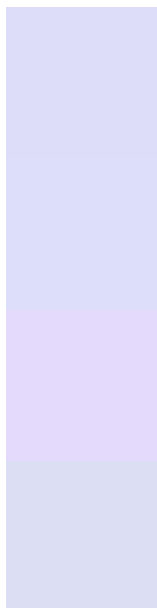
73.7465, 0.3011, 0.2941



Tritanopia

74.1267, 0.2991, 0.3109

Trichromacy



Original Color

73.9872, 0.2943, 0.2986

Protanomaly

74.3603, 0.2937, 0.2996

Deuteranomaly

73.6018, 0.2984, 0.2948

Tritanomaly

73.9898, 0.2973, 0.3057

Monochromacy



Original Color

73.9872, 0.2943, 0.2986

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.3465, 0.3063, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9872, 0.2943, 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(221, 221, 250)` looks like.

```
.text, #text, p{  
    color:rgb(221, 221, 250)  
}
```

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(221, 221, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 221, 250) }
```

Border

The CSS property to change the border of an element to Yxy 73.9872, 0.2943, 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(221, 221, 250) }
```

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

```
.border{ border-color:rgb(221, 221, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 221, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 221, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 221, 250);  
box-shadow:4px 4px 4px 4px rgb(221, 221,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9872, 0.2943, 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(221, 221, 250) }
```

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

```
.background{ background-color: rgb(221,  
221, 250) }
```

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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