

Converting Colors

$Yxy(71.1418, 0.2926, 0.2865)$

Have a look what the booklet for
Yxy(71.1418, 0.2926, 0.2865)
contains.

Yxy(71.0011, 0.2924, 0.2863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.0011, 0.2924, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	DFD6FF
RGB	223, 214, 255
RGB Percent	87%, 84%, 100%
CMY	0.1257, 0.1607, 0.0000
CMYK	0.13, 0.16, 0.00, 0.00
HSL	253°, 100%, 92%
HSV	253°, 16%, 100%
XYZ	72.5139, 71.0011, 104.4805
YIQ	221.3650, -7.7970, 14.6590

Conversions

Conversions Part 2

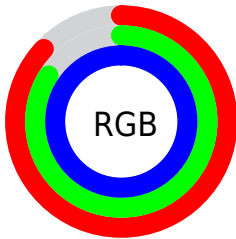
Format	Color
R _Y B	223, 214, 255
Decimal	14669567
CIE Lab	87.49, 10.82, -18.84
CIE LCh	87, 21.728, 299.857
Yxy	71.0011, 0.2924, 0.2863
Android (android.graphics.Color)	4292859647 (0xFFDFD6FF)
YUV	221.3650, 16.5821, 1.4339
Hunter-Lab	84.2622, 6.1538, -14.5329

Details

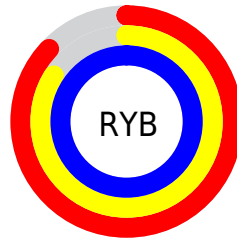
The Yxy color **71.0011, 0.2924, 0.2863** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.9744, 0.3311, 0.3698**, and the grayscale version is **72.4585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1983, 0.2880, 0.2766** is the 20% darker color. If you saturate the color by 10%, you get **56.1073, 0.2774, 0.2561**, and if you desaturate by 10%, it is **88.2943, 0.3056, 0.3138**.

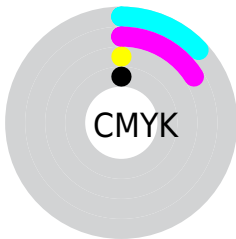
Distribution



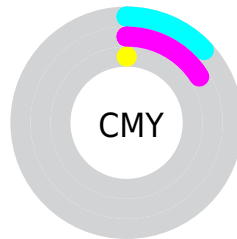
- Red (87%)
- Green (84%)
- Blue (100%)



- Red (87%)
- Yellow (84%)
- Blue (100%)



- Cyan (13%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0011, 0.2924, 0.2863 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 71.0011, 0.2924, 0.2863 by changing the saturation by 10% instead.

71.0011, 0.2924,
0.2863

71.0011, 0.2924,
0.2863

464.0573, 0.3019,
0.3056

52.3431, 0.2902,
0.2820

120.6353, 0.2957,
0.2929

37.2786, 0.2875,
0.2767

152.3803, 0.2970,
0.2955

25.4233, 0.2840,
0.2701

189.2564, 0.2981,
0.2978

16.3927, 0.2794,
0.2617

231.6479, 0.2991,
0.2997

9.8025, 0.2732,
0.2505

279.9394, 0.2999,
0.3015

5.2682, 0.2641,
0.2348

334.5152, 0.3007,

2.4055, 0.2500,

0.3030

0.2118

395.7597, 0.3014,
0.3044

■ 0.8287, 0.2256,
0.1748

■ 0.0000, 0.0000,
0.0000

■ 71.0011, 0.2924,
0.2863

■ 71.0011, 0.2924,
0.2863

■ 56.1073, 0.2774,
0.2561

■ 88.2943, 0.3056,
0.3138

■ 43.4973, 0.2606,
0.2236

99.9993, 0.3127,
0.3290

■ 33.0593, 0.2425,
0.1900

■ 24.6685, 0.2237,
0.1567

■ 18.1872, 0.2052,
0.1260

■ 13.4601, 0.1882,
0.1000

■ 10.3072, 0.1739,
0.0805

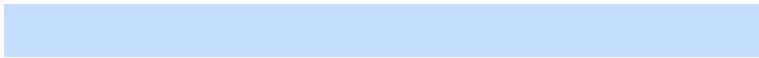
■ 8.5068, 0.1633,
0.0687

■ 8.0470, 0.1600,
0.0655

Harmonies

Analogous

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



71.0011, 0.2725, 0.2868



71.0011, 0.2924, 0.2863



71.0011, 0.3186, 0.2961

Triad

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



71.0011, 0.2924, 0.2863



71.0011, 0.3648, 0.3569



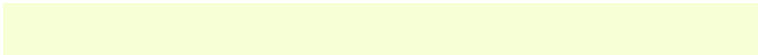
71.0011, 0.2816, 0.3441

Complementary

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



71.0011, 0.2924, 0.2863



95.9744, 0.3311, 0.3698

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.



71.0011, 0.3053, 0.3654



71.0011, 0.2924, 0.2863



71.0011, 0.3537, 0.3720

Square

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



71.0011, 0.2924, 0.2863



71.0011, 0.3613, 0.3357



71.0011, 0.3317, 0.3757



71.0011, 0.2664, 0.3191

Rectangle

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



71.0011, 0.2924, 0.2863



71.0011, 0.3361, 0.3073



71.0011, 0.3317, 0.3757



71.0011, 0.2888, 0.3521

Sweetspot

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



71.0041, 0.2924, 0.2863



90.2906, 0.3069, 0.3165



87.4997, 0.2879, 0.3198



19.0446, 0.3060, 0.3147



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.



71.0041, 0.2924, 0.2863



66.3955, 0.2882, 0.2777



74.4473, 0.3064, 0.2881



17.5684, 0.3013, 0.3047



4.2577, 0.1612, 0.0662



0.4598, 0.1715, 0.0718

Inverse Universe

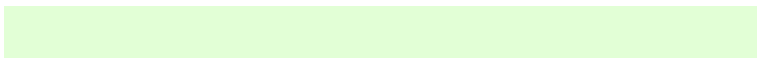
The Inverse Universe completely reimagines the original color for something new.



76.0210, 0.3206, 0.2975



72.2267, 0.3223, 0.2915



92.4787, 0.3179, 0.3715



18.2286, 0.3172, 0.3106



13.2976, 0.3852, 0.1896



1.3107, 0.3764, 0.1847

Previews

White Background



This preview shows how the Yxy color 71.0011, 0.2924, 0.2863 looks on a white background.

Color Contrast Check

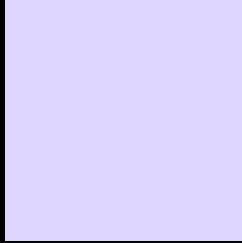
Large Text (above 18pt) WCAG AA × Fail

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 71.0011, 0.2924, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

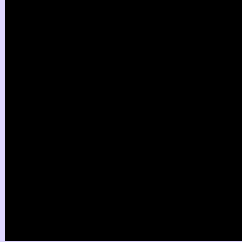
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0011, 0.2924, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 71.0011, 0.2924, 0.2863.

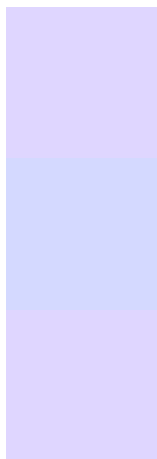


This preview shows how white text looks on a background with the Yxy color 71.0011, 0.2924, 0.2863.

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

71.0011, 0.2924, 0.2863

Protanopia

70.8428, 0.2853, 0.2886

Deuteranopia

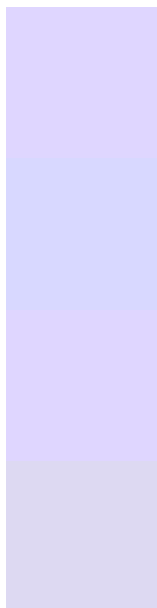
71.0011, 0.2924, 0.2863



Tritanopia

71.3566, 0.3030, 0.3107

Trichromacy



Original Color

71.0011, 0.2924, 0.2863

Protanomaly

70.9307, 0.2878, 0.2878

Deuteranomaly

71.0011, 0.2924, 0.2863

Tritanomaly

71.4087, 0.2992, 0.3024

Monochromacy



Original Color

71.0011, 0.2924, 0.2863

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.5556, 0.3057, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0011, 0.2924, 0.2863 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(223, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 214, 255)  
}
```

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(223, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 214, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.0011, 0.2924, 0.2863 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(223, 214, 255) }
```

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

```
.border{ border-color:rgb(223, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 214,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0011, 0.2924, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 214, 255) }
```

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

```
.background{ background-color: rgb(223,  
214, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor