

Converting Colors

$Y_{xy}(71.2749, 0.2908, 0.2875)$

Have a look what the booklet for
Yxy(71.2749, 0.2908, 0.2875)
contains.

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Color

Yxy(71.0365, 0.2904, 0.2871)

Conversions

Conversions Part 1

Format	Color
Hex	DCD7FF
RGB	220, 215, 255
RGB Percent	86%, 84%, 100%
CMY	0.1375, 0.1568, 0.0000
CMYK	0.14, 0.16, 0.00, 0.00
HSL	247°, 100%, 92%
HSV	247°, 16%, 100%
XYZ	71.8530, 71.0365, 104.5382
YIQ	221.0550, -9.8600, 13.5000

Conversions

Conversions Part 2

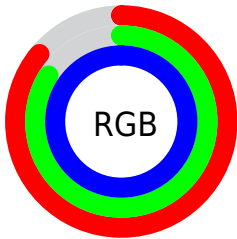
Format	Color
R _Y B	220, 215, 255
Decimal	14473215
CIE Lab	87.50, 9.35, -18.85
CIE LCh	88, 21.042, 296.383
Yxy	71.0365, 0.2904, 0.2871
Android (android.graphics.Color)	4292663295 (0xFFDCD7FF)
YUV	221.0550, 16.7349, -0.9252
Hunter-Lab	84.2832, 4.6792, -14.5405

Details

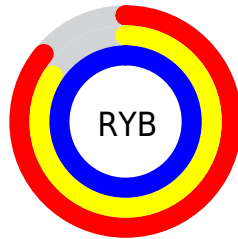
The Yxy color **71.0365, 0.2904, 0.2871** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.7663, 0.3331, 0.3685**, and the grayscale version is **72.2286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2182, 0.2855, 0.2776** is the 20% darker color. If you saturate the color by 10%, you get **55.7891, 0.2737, 0.2564**, and if you desaturate by 10%, it is **88.7793, 0.3052, 0.3147**.

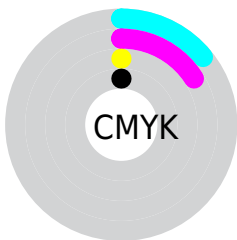
Distribution



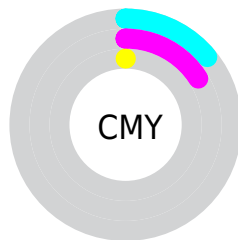
- Red (86%)
- Green (84%)
- Blue (100%)



- Red (86%)
- Yellow (84%)
- Blue (100%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0365, 0.2904, 0.2871 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 71.0365, 0.2904, 0.2871 by changing the saturation by 10% instead.

71.0365, 0.2904,
0.2871

71.0365, 0.2904,
0.2871

464.1810, 0.3008,
0.3061

52.3720, 0.2880,
0.2829

120.6857, 0.2940,
0.2936

37.3017, 0.2850,
0.2777

152.4392, 0.2955,
0.2962

25.4411, 0.2812,
0.2712

189.3244, 0.2967,
0.2984

16.4060, 0.2763,
0.2628

231.7258, 0.2977,
0.3003

9.8119, 0.2695,
0.2517

280.0278, 0.2986,
0.3020

5.2744, 0.2598,
0.2362

334.6147, 0.2995,

2.4092, 0.2447,

0.3035

0.2133

395.8710, 0.3002,
0.3049

■ 0.8306, 0.2188,
0.1764

■ 0.0000, 0.0000,
0.0000

■ 71.0365, 0.2904,
0.2871

■ 71.0365, 0.2904,
0.2871

■ 55.7891, 0.2737,
0.2564

■ 88.7793, 0.3052,
0.3147

■ 42.9182, 0.2551,
0.2232

100.0000, 0.3127,
0.3290

■ 32.3055, 0.2353,
0.1885

■ 23.8203, 0.2151,
0.1542

■ 17.3177, 0.1958,
0.1224

■ 12.6352, 0.1787,
0.0957

■ 9.5839, 0.1652,
0.0762

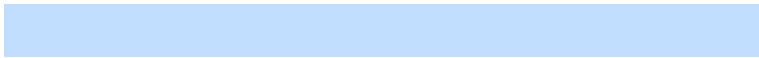
■ 7.9322, 0.1563,
0.0649

■ 7.5172, 0.1537,
0.0620

Harmonies

Analogous

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



71.0365, 0.2721, 0.2888



71.0365, 0.2904, 0.2871



71.0365, 0.3154, 0.2956

Triad

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



71.0365, 0.2904, 0.2871



71.0365, 0.3634, 0.3539



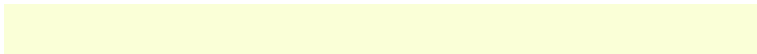
71.0365, 0.2849, 0.3464

Complementary

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



71.0365, 0.2904, 0.2871



96.7663, 0.3331, 0.3685

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.



71.0365, 0.3085, 0.3660



71.0365, 0.2904, 0.2871



71.0365, 0.3543, 0.3694

Square

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



71.0365, 0.2904, 0.2871



71.0365, 0.3584, 0.3330



71.0365, 0.3340, 0.3744



71.0365, 0.2690, 0.3222

Rectangle

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



71.0365, 0.2904, 0.2871



71.0365, 0.3326, 0.3059



71.0365, 0.3340, 0.3744



71.0365, 0.2921, 0.3538

Sweetspot

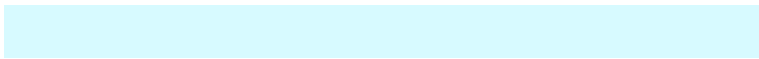
The Sweet Spot groups the original color and five complimentary colors.



71.0389, 0.2904, 0.2871



90.0739, 0.3061, 0.3165



90.2507, 0.2887, 0.3242



18.9922, 0.3052, 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.



71.0389, 0.2904, 0.2871



65.7012, 0.2851, 0.2772



74.3008, 0.3038, 0.2888



17.4848, 0.2998, 0.3045



3.9611, 0.1544, 0.0624



0.4179, 0.1620, 0.0666

Inverse Universe

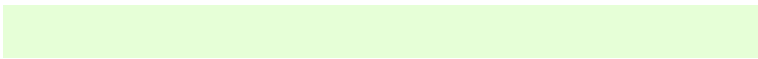
The Inverse Universe completely reimagines the original color for something new.



76.7795, 0.3178, 0.2947



72.5098, 0.3191, 0.2872



93.3079, 0.3204, 0.3701



18.2596, 0.3157, 0.3084



13.9253, 0.3547, 0.1728



1.3662, 0.3503, 0.1703

Previews

White Background



This preview shows how the Yxy color 71.0365, 0.2904, 0.2871 looks on a white background.

Color Contrast Check

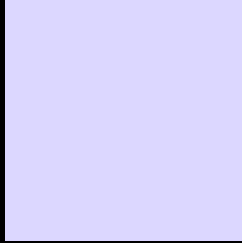
Large Text (above 18pt) WCAG AA × Fail

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 71.0365, 0.2904, 0.2871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

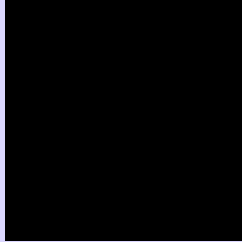
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0365, 0.2904, 0.2871

Background



This preview shows how black text looks on a background with the Yxy color 71.0365, 0.2904, 0.2871.

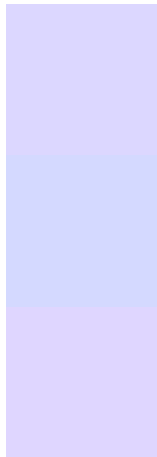


This preview shows how white text looks on a background with the Yxy color 71.0365, 0.2904, 0.2871.

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

71.0365, 0.2904, 0.2871

Protanopia

70.8428, 0.2853, 0.2886

Deuteranopia

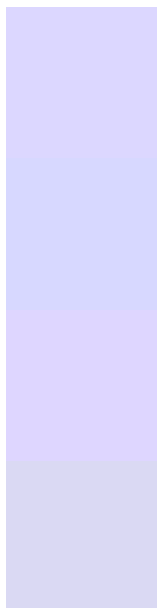
71.0011, 0.2924, 0.2863



Tritanopia

70.9506, 0.3003, 0.3096

Trichromacy



Original Color

71.0365, 0.2904, 0.2871

Protanomaly

70.7788, 0.2872, 0.2878

Deuteranomaly

70.8427, 0.2918, 0.2862

Tritanomaly

71.0022, 0.2966, 0.3012

Monochromacy



Original Color

71.0365, 0.2904, 0.2871

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.9184, 0.3050, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0365, 0.2904, 0.2871 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(220, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 215, 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(220, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 215, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.0365, 0.2904, 0.2871 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(220, 215, 255) }
```

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

```
.border{ border-color:rgb(220, 215, 255) }
```

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

Here you see how a box with a 4 pixel rgb(220, 215, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 215,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0365, 0.2904, 0.2871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 215, 255) }
```

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

```
.background{ background-color: rgb(220,  
215, 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](#).

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