

Converting Colors

$Yxy(70.5049, 0.2846, 0.2881)$

Have a look what the booklet for
Yxy(70.5049, 0.2846, 0.2881)
contains.

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Color

Yxy(70.6946, 0.2846, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	D3D9FF
RGB	211, 217, 255
RGB Percent	83%, 85%, 100%
CMY	0.1724, 0.1491, 0.0000
CMYK	0.17, 0.15, 0.00, 0.00
HSL	232°, 100%, 91%
HSV	232°, 17%, 100%
XYZ	69.7389, 70.6946, 104.6084
YIQ	219.5380, -15.7740, 10.5460

Conversions

Conversions Part 2

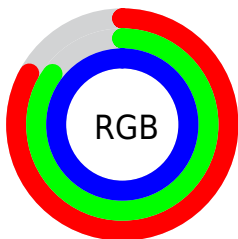
Format	Color
R _Y B	211, 216, 255
Decimal	13883903
CIE Lab	87.34, 5.56, -19.18
CIE LCh	87, 19.970, 286.153
Yxy	70.6946, 0.2846, 0.2885
Android (android.graphics.Color)	4292073983 (0xFFD3D9FF)
YUV	219.5380, 17.4828, -7.4878
Hunter-Lab	84.0801, 0.9140, -14.9097

Details

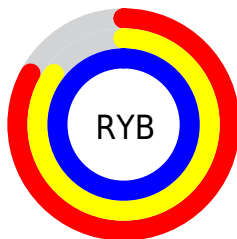
The Yxy color **70.6946, 0.2846, 0.2885** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.7455, 0.3397, 0.3665**, and the grayscale version is **71.1191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9858, 0.2781, 0.2793** is the 20% darker color. If you saturate the color by 10%, you get **56.6060, 0.2661, 0.2611**, and if you desaturate by 10%, it is **86.8998, 0.3015, 0.3131**.

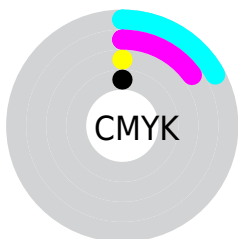
Distribution



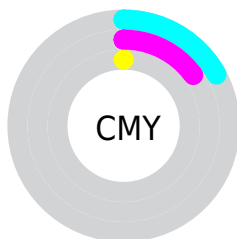
- Red (83%)
- Green (85%)
- Blue (100%)



- Red (83%)
- Yellow (85%)
- Blue (100%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.6946, 0.2846, 0.2885 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 70.6946, 0.2846, 0.2885 by changing the saturation by 10% instead.

■ 70.6946, 0.2846,
0.2885

■ 70.6946, 0.2846,
0.2885

462.9851, 0.2977,
0.3070

■ 52.0930, 0.2816,
0.2843

120.1988, 0.2891,
0.2949

■ 37.0792, 0.2779,
0.2793

151.8701, 0.2909,
0.2973

■ 25.2688, 0.2733,
0.2729

188.6669, 0.2924,
0.2995

■ 16.2775, 0.2672,
0.2646

230.9734, 0.2937,
0.3014

■ 9.7207, 0.2589,
0.2536

279.1741, 0.2949,
0.3030

■ 5.2142, 0.2472,
0.2382

333.6533, 0.2959,

■ 2.3735, 0.2291,

0.3045

0.2151

394.7956, 0.2968,
0.3058

■ 0.8122, 0.1987,
0.1775

■ 0.0000, 0.0000,
0.0000

■ 70.6946, 0.2846,
0.2885

■ 70.6946, 0.2846,
0.2885

■ 56.6060, 0.2661,
0.2611

■ 86.8998, 0.3015,
0.3131

■ 44.5447, 0.2464,
0.2311

100.0000, 0.3127,
0.3290

■ 34.4172, 0.2260,
0.1994

■ 26.1219, 0.2060,
0.1672

■ 19.5478, 0.1876,
0.1363

■ 14.5717, 0.1721,
0.1089

■ 11.0533, 0.1606,
0.0869

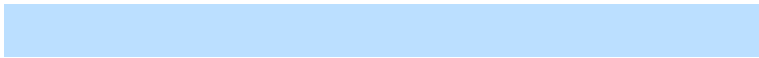
■ 8.8247, 0.1537,
0.0717

■ 8.3945, 0.1524,
0.0687

Harmonies

Analogous

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



70.6946, 0.2703, 0.2937



70.6946, 0.2846, 0.2885



70.6946, 0.3068, 0.2934

Triad

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



70.6946, 0.2846, 0.2885



70.6946, 0.3608, 0.3463



70.6946, 0.2933, 0.3527

Complementary

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



70.6946, 0.2846, 0.2885



93.7455, 0.3397, 0.3665

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.



70.6946, 0.3171, 0.3682



70.6946, 0.2846, 0.2885



70.6946, 0.3566, 0.3634

Square

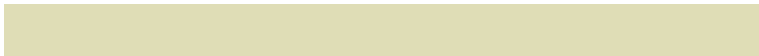
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.6946, 0.2846, 0.2885



70.6946, 0.3515, 0.3259



70.6946, 0.3404, 0.3719



70.6946, 0.2752, 0.3304

Rectangle

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



70.6946, 0.2846, 0.2885



70.6946, 0.3234, 0.3016



70.6946, 0.3404, 0.3719



70.6946, 0.3009, 0.3590

Sweetspot

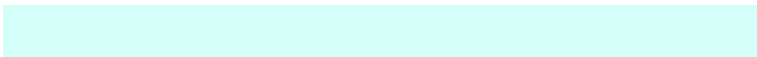
The Sweet Spot groups the original color and five complimentary colors.



70.6951, 0.2846, 0.2885



90.8287, 0.3051, 0.3182



92.1769, 0.2901, 0.3357



19.1747, 0.3040, 0.3166



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.



70.6951, 0.2846, 0.2885



65.1543, 0.2778, 0.2786



70.0645, 0.2947, 0.2834



17.7742, 0.2979, 0.3078



4.5068, 0.1529, 0.0703



0.5547, 0.1573, 0.0862

Inverse Universe

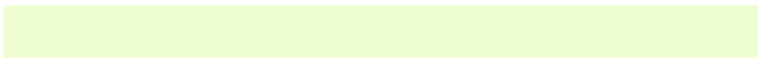
The Inverse Universe completely reimagines the original color for something new.



72.8763, 0.3416, 0.3231



67.8321, 0.3495, 0.3217



94.6826, 0.3286, 0.3734



18.0271, 0.3273, 0.3258



11.1829, 0.6227, 0.3204



1.1005, 0.5971, 0.3063

Previews

White Background



This preview shows how the Yxy color 70.6946, 0.2846, 0.2885 looks on a white background.

Color Contrast Check

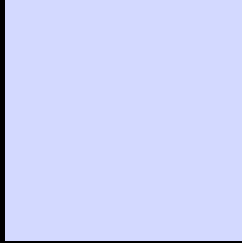
Large Text (above 18pt) WCAG AA × Fail

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 70.6946, 0.2846, 0.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

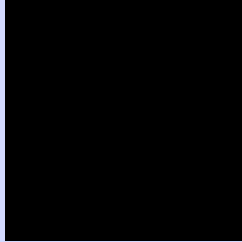
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.6946, 0.2846, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 70.6946, 0.2846, 0.2885.

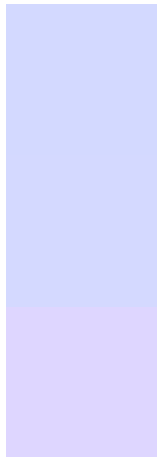


This preview shows how white text looks on a background with the Yxy color 70.6946, 0.2846, 0.2885.

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

70.6946, 0.2846, 0.2885

Protanopia

70.8428, 0.2853, 0.2886

Deuteranopia

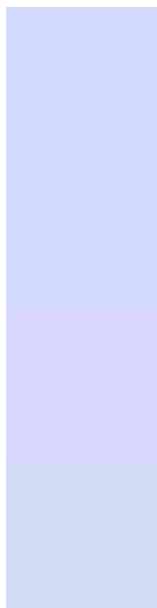
70.8427, 0.2918, 0.2862



Tritanopia

70.7107, 0.2936, 0.3103

Trichromacy



Original Color

70.6946, 0.2846, 0.2885

Protanomaly

70.8428, 0.2853, 0.2886

Deuteranomaly

70.7263, 0.2891, 0.2869

Tritanomaly

70.7500, 0.2900, 0.3019

Monochromacy



Original Color

70.6946, 0.2846, 0.2885

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.2979, 0.3022, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6946, 0.2846, 0.2885 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(211, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 217, 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(211, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 217, 255) }
```

Border

The CSS property to change the border of an element to Yxy 70.6946, 0.2846, 0.2885 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(211, 217, 255) }
```

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

```
.border{ border-color:rgb(211, 217, 255) }
```

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

Here you see how a box with a 4 pixel rgb(211, 217, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 217,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 70.6946, 0.2846, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 217, 255) }
```

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

```
.background{ background-color: rgb(211,  
217, 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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