

Converting Colors

$Yxy(69.7840, 0.2843, 0.2863)$

Have a look what the booklet for
Yxy(69.7840, 0.2843, 0.2863)
contains.

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Color

Yxy(69.6698, 0.2845, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	D3D7FF
RGB	211, 215, 255
RGB Percent	83%, 84%, 100%
CMY	0.1726, 0.1568, 0.0001
CMYK	0.17, 0.16, 0.00, 0.00
HSL	235°, 100%, 91%
HSV	235°, 17%, 100%
XYZ	69.2076, 69.6698, 104.3831
YIQ	218.3640, -15.2240, 11.5920

Conversions

Conversions Part 2

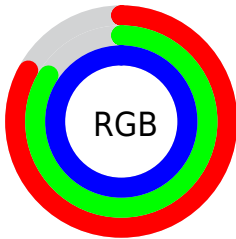
Format	Color
R _Y B	211, 215, 255
Decimal	13883391
CIE Lab	86.83, 6.57, -19.90
CIE LCh	87, 20.961, 288.267
Yxy	69.6698, 0.2845, 0.2864
Android (android.graphics.Color)	4292073471 (0xFFD3D7FF)
YUV	218.3640, 18.0615, -6.4582
Hunter-Lab	83.4684, 1.9330, -15.7184

Details

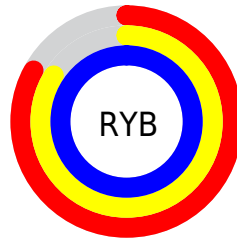
The Yxy color **69.6698, 0.2845, 0.2864** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.9189, 0.3394, 0.3683**, and the grayscale version is **70.2559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2867, 0.2779, 0.2764** is the 20% darker color. If you saturate the color by 10%, you get **55.2264, 0.2657, 0.2575**, and if you desaturate by 10%, it is **86.3864, 0.3015, 0.3122**.

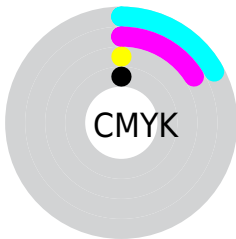
Distribution



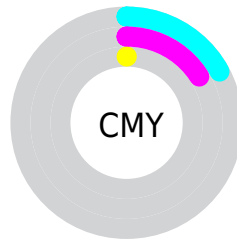
- Red (83%)
- Green (84%)
- Blue (100%)



- Red (83%)
- Yellow (84%)
- Blue (100%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6698, 0.2845, 0.2864 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 69.6698, 0.2845, 0.2864 by changing the saturation by 10% instead.

■ 69.6698, 0.2845,
0.2864

■ 69.6698, 0.2845,
0.2864

459.3898, 0.2977,
0.3059

■ 51.2574, 0.2815,
0.2820

118.7377, 0.2891,
0.2931

■ 36.4135, 0.2778,
0.2767

150.1621, 0.2909,
0.2957

■ 24.7537, 0.2730,
0.2699

186.6925, 0.2924,
0.2980

■ 15.8937, 0.2669,
0.2613

228.7134, 0.2937,
0.3000

■ 9.4489, 0.2585,
0.2497

276.6092, 0.2949,
0.3017

■ 5.0351, 0.2464,
0.2335

330.7642, 0.2959,

■ 2.2679, 0.2280,

0.3032

0.2093

391.5630, 0.2968,
0.3046

0.7566, 0.1968,
0.1692

0.0000, 0.0000,
0.0000

69.6698, 0.2845,
0.2864

69.6698, 0.2845,
0.2864

55.2264, 0.2657,
0.2575

86.3864, 0.3015,
0.3122

42.9497, 0.2456,
0.2260

99.9982, 0.3127,
0.3290

32.7375, 0.2248,
0.1928

24.4759, 0.2043,
0.1595

■ 18.0401, 0.1855,
0.1281

■ 13.2905, 0.1700,
0.1010

■ 10.0672, 0.1588,
0.0802

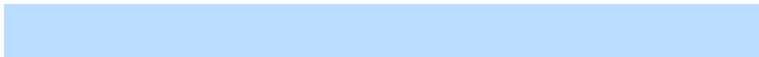
■ 8.1768, 0.1524,
0.0671

■ 7.8442, 0.1513,
0.0646

Harmonies

Analogous

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



69.6698, 0.2687, 0.2911



69.6698, 0.2845, 0.2864



69.6698, 0.3083, 0.2923

Triad

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



69.6698, 0.2845, 0.2864



69.6698, 0.3636, 0.3486



69.6698, 0.2906, 0.3525

Complementary

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



69.6698, 0.2845, 0.2864



94.9189, 0.3394, 0.3683

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.



69.6698, 0.3155, 0.3697



69.6698, 0.2845, 0.2864



69.6698, 0.3582, 0.3662

Square

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



69.6698, 0.2845, 0.2864



69.6698, 0.3548, 0.3272



69.6698, 0.3403, 0.3745



69.6698, 0.2722, 0.3287

Rectangle

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



69.6698, 0.2845, 0.2864



69.6698, 0.3257, 0.3013



69.6698, 0.3403, 0.3745



69.6698, 0.2985, 0.3594

Sweetspot

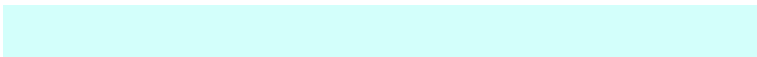
The Sweet Spot groups the original color and five complimentary colors.



69.6727, 0.2845, 0.2864



90.4923, 0.3051, 0.3176



92.2875, 0.2889, 0.3335



19.0933, 0.3040, 0.3159



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.



69.6727, 0.2845, 0.2864



64.0112, 0.2777, 0.2759



70.3902, 0.2962, 0.2836



17.6449, 0.2979, 0.3067



4.1892, 0.1517, 0.0659



0.4940, 0.1550, 0.0780

Inverse Universe

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



72.7443, 0.3431, 0.3250



67.7167, 0.3514, 0.3241



94.2745, 0.3272, 0.3737



18.0141, 0.3280, 0.3269



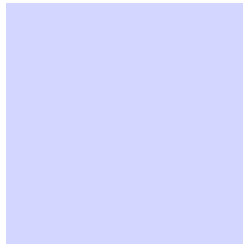
11.1509, 0.6301, 0.3245



1.0944, 0.6102, 0.3135

Previews

White Background



This preview shows how the Yxy color 69.6698, 0.2845, 0.2864 looks on a white background.

Color Contrast Check

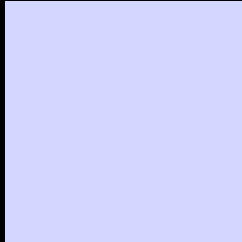
Large Text (above 18pt) WCAG AA × Fail

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 69.6698, 0.2845, 0.2864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

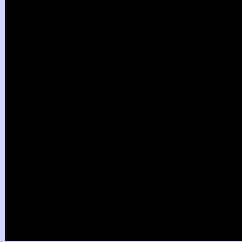
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.6698, 0.2845, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 69.6698, 0.2845, 0.2864.

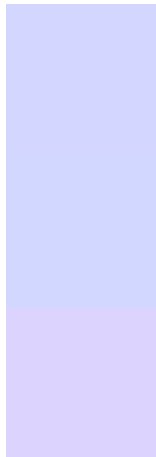


This preview shows how white text looks on a background with the Yxy color 69.6698, 0.2845, 0.2864.

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

69.6698, 0.2845, 0.2864

Protanopia

69.5225, 0.2838, 0.2863

Deuteranopia

69.5226, 0.2903, 0.2839



Tritanopia

69.6088, 0.2942, 0.3092

Trichromacy



Original Color

69.6698, 0.2845, 0.2864

Protanomaly

69.5225, 0.2838, 0.2863

Deuteranomaly

69.5602, 0.2884, 0.2847

Tritanomaly

69.6521, 0.2905, 0.3007

Monochromacy



Original Color

69.6698, 0.2845, 0.2864

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.8423, 0.3021, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6698, 0.2845, 0.2864 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, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 215, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.6698, 0.2845, 0.2864 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, 215, 255) }
```

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

```
.border{ border-color:rgb(211, 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(211, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 215,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6698, 0.2845, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 215, 255) }
```

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

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