

Converting Colors

$Y_{xy}(69.3573, 0.2887, 0.2880)$

Have a look what the booklet for
Yxy(69.3573, 0.2887, 0.2880)
contains.

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Color

Yxy(69.5685, 0.2889, 0.2886)

Conversions

Conversions Part 1

Format	Color
Hex	D7D6FC
RGB	215, 214, 252
RGB Percent	84%, 84%, 99%
CMY	0.1568, 0.1608, 0.0118
CMYK	0.15, 0.15, 0.00, 0.01
HSL	242°, 86%, 91%
HSV	242°, 15%, 99%
XYZ	69.6408, 69.5685, 101.8458
YIQ	218.6310, -11.6020, 12.0300

Conversions

Conversions Part 2

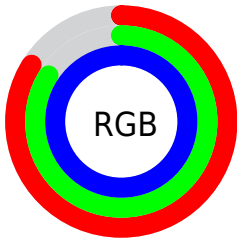
Format	Color
R _Y B	215, 214, 252
Decimal	14145276
CIE Lab	86.78, 7.72, -18.38
CIE LCh	87, 19.936, 292.789
Yxy	69.5685, 0.2889, 0.2886
Android (android.graphics.Color)	4292335356 (0xFFD7D6FC)
YUV	218.6310, 16.4509, -3.1844
Hunter-Lab	83.4077, 3.0740, -14.0112

Details

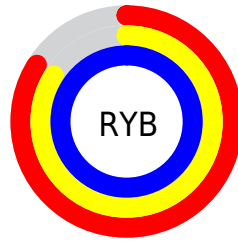
The Yxy color $69.5685, 0.2889, 0.2886$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $94.9796, 0.3347, 0.3666$, and the grayscale version is $70.4614, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.2100, 0.2834, 0.2793$ is the 20% darker color. If you saturate the color by 10%, you get $54.3471, 0.2705, 0.2576$, and if you desaturate by 10%, it is $87.3258, 0.3052, 0.3163$.

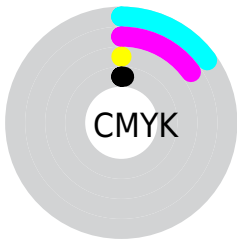
Distribution



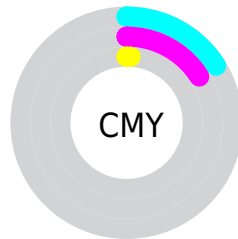
- Red (84%)
- Green (84%)
- Blue (99%)



- Red (84%)
- Yellow (84%)
- Blue (99%)



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (16%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5685, 0.2889, 0.2886 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 69.5685, 0.2889, 0.2886 by changing the saturation by 10% instead.

■ 69.5685, 0.2889,
0.2886

■ 69.5685, 0.2889,
0.2886

459.0335, 0.3000,
0.3070

■ 51.1748, 0.2863,
0.2845

118.5932, 0.2928,
0.2949

■ 36.3478, 0.2831,
0.2794

149.9930, 0.2943,
0.2974

■ 24.7029, 0.2791,
0.2730

186.4970, 0.2956,
0.2996

■ 15.8558, 0.2738,
0.2648

228.4896, 0.2967,
0.3014

■ 9.4222, 0.2666,
0.2537

276.3551, 0.2977,
0.3031

■ 5.0176, 0.2561,
0.2383

330.4780, 0.2986,

■ 2.2576, 0.2398,

0.3046

0.2151

391.2427, 0.2994,
0.3059

0.7511, 0.2119,
0.1761

0.0000, 0.0000,
0.0000

69.5685, 0.2889,
0.2886

69.5685, 0.2889,
0.2886

54.3471, 0.2705,
0.2576

87.3258, 0.3052,
0.3163

41.5377, 0.2504,
0.2237

99.8078, 0.3144,
0.3319

31.0192, 0.2291,
0.1881

22.6566, 0.2078,
0.1528

■ 16.3005, 0.1880,
0.1201

■ 11.7829, 0.1713,
0.0930

■ 8.9082, 0.1592,
0.0736

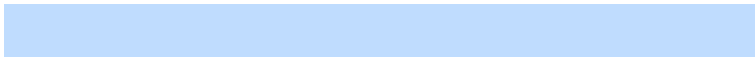
■ 7.4364, 0.1523,
0.0630

■ 7.0705, 0.1506,
0.0603

Harmonies

Analogous

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



69.5685, 0.2724, 0.2915



69.5685, 0.2889, 0.2886



69.5685, 0.3123, 0.2956

Triad

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



69.5685, 0.2889, 0.2886



69.5685, 0.3612, 0.3507



69.5685, 0.2886, 0.3482

Complementary

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



69.5685, 0.2889, 0.2886



94.9796, 0.3347, 0.3666

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.



69.5685, 0.3117, 0.3659



69.5685, 0.2889, 0.2886



69.5685, 0.3541, 0.3663

Square

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



69.5685, 0.2889, 0.2886



69.5685, 0.3548, 0.3304



69.5685, 0.3357, 0.3724



69.5685, 0.2722, 0.3253

Rectangle

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



69.5685, 0.2889, 0.2886



69.5685, 0.3288, 0.3049



69.5685, 0.3357, 0.3724



69.5685, 0.2958, 0.3550

Sweetspot

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



69.5714, 0.2889, 0.2886



89.8541, 0.3053, 0.3165



90.5439, 0.2897, 0.3283



18.9390, 0.3043, 0.3146



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.



69.5714, 0.2889, 0.2886



66.6167, 0.2837, 0.2798



72.5539, 0.3016, 0.2901



16.6648, 0.2983, 0.3045



3.6931, 0.1508, 0.0604



0.3495, 0.1527, 0.0615

Inverse Universe

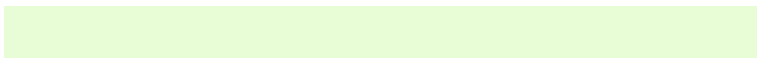
The Inverse Universe completely reimagines the original color for something new.



75.7546, 0.3151, 0.2926



74.0526, 0.3156, 0.2853



91.6886, 0.3225, 0.3681



17.5162, 0.3142, 0.3062



14.2303, 0.3276, 0.1578



1.3204, 0.3267, 0.1574

Previews

White Background



This preview shows how the Yxy color 69.5685, 0.2889, 0.2886 looks on a white background.

Color Contrast Check

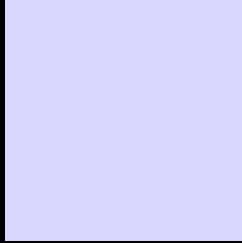
Large Text (above 18pt) WCAG AA × Fail

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 69.5685, 0.2889, 0.2886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

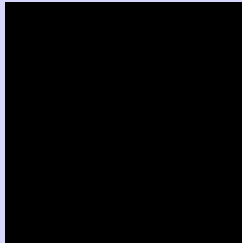
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5685, 0.2889, 0.2886

Background



This preview shows how black text looks on a background with the Yxy color 69.5685, 0.2889, 0.2886.



This preview shows how white text looks on a background with the Yxy color 69.5685, 0.2889, 0.2886.

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

69.5685, 0.2889, 0.2886

Protanopia

69.3944, 0.2850, 0.2883

Deuteranopia

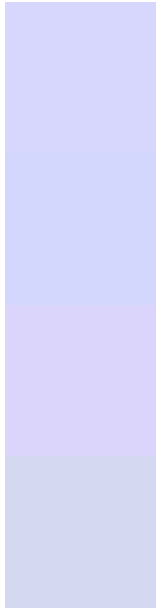
69.4874, 0.2929, 0.2869



Tritanopia

69.5633, 0.2981, 0.3104

Trichromacy



Original Color

69.5685, 0.2889, 0.2886

Protanomaly

69.6898, 0.2863, 0.2884

Deuteranomaly

69.6768, 0.2916, 0.2878

Tritanomaly

69.6087, 0.2944, 0.3019

Monochromacy



Original Color

69.5685, 0.2889, 0.2886

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.3007, 0.3042, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5685, 0.2889, 0.2886 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(215, 214, 252)` looks like.

```
.text, #text, p{  
    color:rgb(215, 214, 252)  
}
```

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(215, 214, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 214, 252) }
```

Border

The CSS property to change the border of an element to Yxy 69.5685, 0.2889, 0.2886 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(215, 214, 252) }
```

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

```
.border{ border-color:rgb(215, 214, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 214, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 214, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 214, 252);  
box-shadow:4px 4px 4px 4px rgb(215, 214,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5685, 0.2889, 0.2886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 214, 252) }
```

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

```
.background{ background-color: rgb(215,  
214, 252) }
```

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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