

Converting Colors

Yxy(68.0097, 0.2888, 0.2824)

Have a look what the booklet for
Yxy(68.0097, 0.2888, 0.2824)
contains.

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Color

Yxy(68.0007, 0.2889, 0.2824)

Conversions

Conversions Part 1

Format	Color
Hex	D9D2FE
RGB	217, 210, 254
RGB Percent	85%, 82%, 100%
CMY	0.1488, 0.1765, 0.0039
CMYK	0.15, 0.17, 0.00, 0.00
HSL	250°, 96%, 91%
HSV	250°, 17%, 100%
XYZ	69.5659, 68.0007, 103.2291
YIQ	217.1090, -9.9520, 15.1680

Conversions

Conversions Part 2

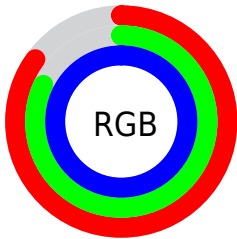
Format	Color
R _Y B	217, 210, 254
Decimal	14275326
CIE Lab	86.01, 10.91, -20.60
CIE LCh	86, 23.315, 297.911
Yxy	68.0007, 0.2889, 0.2824
Android (android.graphics.Color)	4292465406 (0xFFD9D2FE)
YUV	217.1090, 18.1873, -0.0956
Hunter-Lab	82.4625, 6.2742, -16.4972

Details

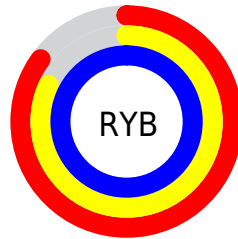
The Yxy color $68.0007, 0.2889, 0.2824$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95.3006, 0.3342, 0.3729$, and the grayscale version is $69.3521, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.4895, 0.2834, 0.2728$ is the 20% darker color. If you saturate the color by 10%, you get $53.3826, 0.2726, 0.2515$, and if you desaturate by 10%, it is $85.0367, 0.3033, 0.3104$.

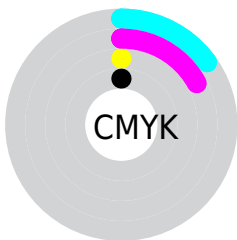
Distribution



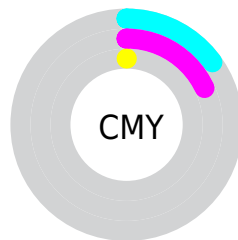
- Red (85%)
- Green (82%)
- Blue (100%)



- Red (85%)
- Yellow (82%)
- Blue (100%)



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



- Cyan (15%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0007, 0.2889, 0.2824 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 68.0007, 0.2889, 0.2824 by changing the saturation by 10% instead.

68.0007, 0.2889,
0.2824

68.0007, 0.2889,
0.2824

453.4985, 0.3001,
0.3036

49.8983, 0.2863,
0.2776

116.3531, 0.2928,
0.2897

35.3326, 0.2830,
0.2718

147.3720, 0.2944,
0.2925

23.9192, 0.2789,
0.2645

183.4651, 0.2957,
0.2950

15.2737, 0.2735,
0.2552

225.0169, 0.2968,
0.2972

9.0117, 0.2660,
0.2426

272.4117, 0.2978,
0.2991

4.7488, 0.2551,
0.2252

326.0340, 0.2987,

2.1006, 0.2382,

0.3008

0.1994

386.2681, 0.2994,
0.3023

0.6650, 0.2094,
0.1548

0.0000, 0.0000,
0.0000

68.0007, 0.2889,
0.2824

68.0007, 0.2889,
0.2824

53.3826, 0.2726,
0.2515

85.0367, 0.3033,
0.3104

41.0644, 0.2545,
0.2183

99.9362, 0.3133,
0.3299

30.9304, 0.2352,
0.1840

22.8520, 0.2155,
0.1503

■ 16.6864, 0.1967,
0.1194

■ 12.2728, 0.1800,
0.0939

■ 9.4229, 0.1667,
0.0756

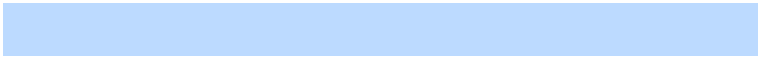
■ 7.8969, 0.1576,
0.0651

■ 7.6247, 0.1558,
0.0632

Harmonies

Analogous

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



68.0007, 0.2680, 0.2836



68.0007, 0.2889, 0.2824



68.0007, 0.3171, 0.2924

Triad

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



68.0007, 0.2889, 0.2824



68.0007, 0.3697, 0.3578



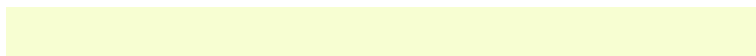
68.0007, 0.2803, 0.3472

Complementary

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



68.0007, 0.2889, 0.2824



95.3006, 0.3342, 0.3729

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.



68.0007, 0.3064, 0.3700



68.0007, 0.2889, 0.2824



68.0007, 0.3585, 0.3750

Square

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



68.0007, 0.2889, 0.2824



68.0007, 0.3648, 0.3346



68.0007, 0.3351, 0.3801



68.0007, 0.2632, 0.3198

Rectangle

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



68.0007, 0.2889, 0.2824



68.0007, 0.3364, 0.3041



68.0007, 0.3351, 0.3801



68.0007, 0.2882, 0.3558

Sweetspot

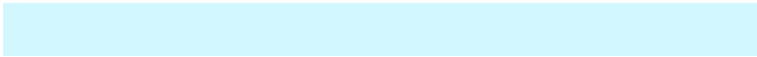
The Sweet Spot groups the original color and five complimentary colors.



68.0035, 0.2889, 0.2824



90.1601, 0.3064, 0.3165



87.6239, 0.2862, 0.3221



19.0130, 0.3055, 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.



68.0035, 0.2889, 0.2824



62.9144, 0.2831, 0.2714



71.5227, 0.3038, 0.2844



17.5180, 0.3004, 0.3046



4.0602, 0.1567, 0.0637



0.4335, 0.1656, 0.0686

Inverse Universe

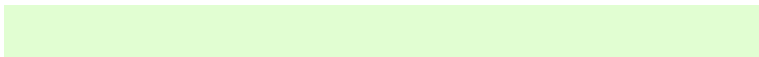
The Inverse Universe completely reimagines the original color for something new.



73.8684, 0.3196, 0.2925



69.9210, 0.3212, 0.2846



91.6107, 0.3202, 0.3749



18.2472, 0.3163, 0.3093



13.6640, 0.3664, 0.1792



1.3433, 0.3603, 0.1759

Previews

White Background



This preview shows how the Yxy color 68.0007, 0.2889, 0.2824 looks on a white background.

Color Contrast Check

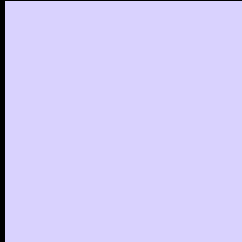
Large Text (above 18pt) WCAG AA × Fail

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 68.0007, 0.2889, 0.2824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

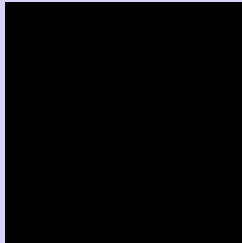
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.0007, 0.2889, 0.2824

Background



This preview shows how black text looks on a background with the Yxy color 68.0007, 0.2889, 0.2824.

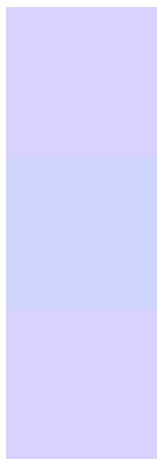


This preview shows how white text looks on a background with the Yxy color 68.0007, 0.2889, 0.2824.

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

68.0007, 0.2889, 0.2824

Protanopia

67.9303, 0.2811, 0.2838

Deuteranopia

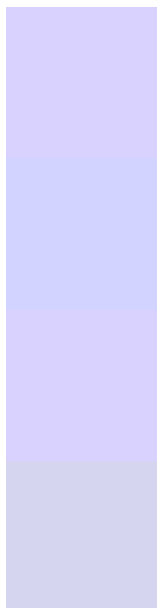
68.0007, 0.2889, 0.2824



Tritanopia

68.0088, 0.3007, 0.3103

Trichromacy



Original Color

68.0007, 0.2889, 0.2824

Protanomaly

68.0086, 0.2837, 0.2830

Deuteranomaly

68.0007, 0.2889, 0.2824

Tritanomaly

68.1166, 0.2963, 0.3007

Monochromacy



Original Color

68.0007, 0.2889, 0.2824

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.5580, 0.3042, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0007, 0.2889, 0.2824 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(217, 210, 254)` looks like.

```
.text, #text, p{  
    color:rgb(217, 210, 254)  
}
```

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(217, 210, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 210, 254) }
```

Border

The CSS property to change the border of an element to Yxy 68.0007, 0.2889, 0.2824 is called "border". The border property can be set on classes, ids or directly on the HTML element.

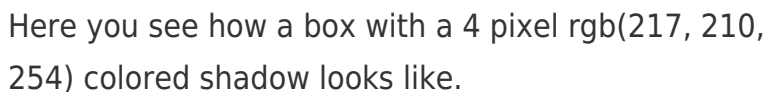
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 210, 254) }
```

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

```
.border{ border-color:rgb(217, 210, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 210, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 210, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 210, 254); box-shadow:4px 4px 4px 4px rgb(217, 210, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0007, 0.2889, 0.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 210, 254) }
```

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

```
.background{ background-color: rgb(217,  
210, 254) }
```

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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