

Converting Colors

$Yxy(69.5909, 0.2894, 0.2864)$

Have a look what the booklet for
Yxy(69.5909, 0.2894, 0.2864)
contains.

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Color

Yxy(69.4960, 0.2890, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	D9D5FE
RGB	217, 213, 254
RGB Percent	85%, 84%, 100%
CMY	0.1490, 0.1647, 0.0040
CMYK	0.15, 0.16, 0.00, 0.00
HSL	246°, 95%, 92%
HSV	246°, 16%, 100%
XYZ	70.2987, 69.4960, 103.4534
YIQ	218.8700, -10.7770, 13.5990

Conversions

Conversions Part 2

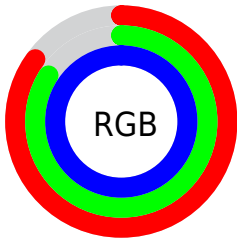
Format	Color
RYB	217, 213, 254
Decimal	14276094
CIELab	86.75, 9.29, -19.47
CIELCh	87, 21.569, 295.515
Yxy	69.4960, 0.2890, 0.2857
Android (android.graphics.Color)	4292466174 (0xFFD9D5FE)
YUV	218.8700, 17.3191, -1.6400
Hunter-Lab	83.3643, 4.6365, -15.2228

Details

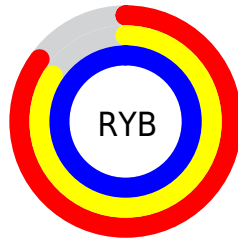
The Yxy color **69.4960, 0.2890, 0.2857** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.9898, 0.3344, 0.3695**, and the grayscale version is **70.6295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1663, 0.2835, 0.2756** is the 20% darker color. If you saturate the color by 10%, you get **54.4360, 0.2717, 0.2547**, and if you desaturate by 10%, it is **87.0498, 0.3043, 0.3135**.

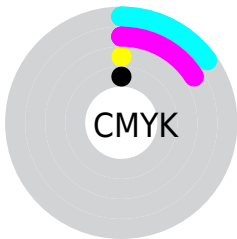
Distribution



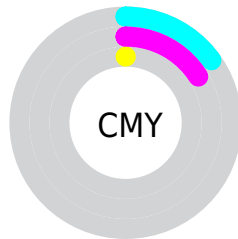
- Red (85%)
- Green (84%)
- Blue (100%)



- Red (85%)
- Yellow (84%)
- Blue (100%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4960, 0.2890, 0.2857 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 69.4960, 0.2890, 0.2857 by changing the saturation by 10% instead.

69.4960, 0.2890,
0.2857

69.4960, 0.2890,
0.2857

458.7784, 0.3001,
0.3054

51.1158, 0.2864,
0.2813

118.4897, 0.2929,
0.2925

36.3007, 0.2832,
0.2759

149.8720, 0.2944,
0.2951

24.6666, 0.2792,
0.2691

186.3571, 0.2957,
0.2974

15.8288, 0.2739,
0.2604

228.3294, 0.2968,
0.2994

9.4031, 0.2666,
0.2488

276.1733, 0.2978,
0.3012

5.0050, 0.2561,
0.2325

330.2731, 0.2987,

2.2502, 0.2398,

0.3027

0.2084

391.0134, 0.2994,
0.3042

0.7472, 0.2119,
0.1683

0.0000, 0.0000,
0.0000

69.4960, 0.2890,
0.2857

69.4960, 0.2890,
0.2857

54.4360, 0.2717,
0.2547

87.0498, 0.3043,
0.3135

41.7484, 0.2526,
0.2212

99.9342, 0.3133,
0.3300

31.3144, 0.2324,
0.1863

23.0018, 0.2119,
0.1517

■ 16.6643, 0.1925,
0.1199

■ 12.1372, 0.1757,
0.0935

■ 9.2287, 0.1628,
0.0745

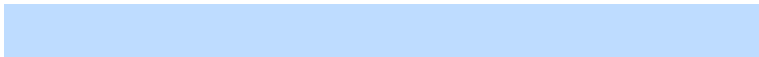
■ 7.7030, 0.1546,
0.0639

■ 7.3593, 0.1526,
0.0614

Harmonies

Analogous

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



69.4960, 0.2704, 0.2878



69.4960, 0.2890, 0.2857



69.4960, 0.3146, 0.2942

Triad

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



69.4960, 0.2890, 0.2857



69.4960, 0.3652, 0.3541



69.4960, 0.2846, 0.3476

Complementary

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



69.4960, 0.2890, 0.2857



95.9898, 0.3344, 0.3695

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.



69.4960, 0.3091, 0.3677



69.4960, 0.2890, 0.2857



69.4960, 0.3561, 0.3704

Square

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



69.4960, 0.2890, 0.2857



69.4960, 0.3595, 0.3325



69.4960, 0.3353, 0.3760



69.4960, 0.2679, 0.3226

Rectangle

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



69.4960, 0.2890, 0.2857



69.4960, 0.3325, 0.3046



69.4960, 0.3353, 0.3760



69.4960, 0.2921, 0.3553

Sweetspot

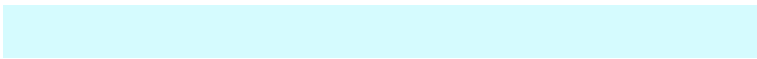
The Sweet Spot groups the original color and five complimentary colors.



69.4989, 0.2890, 0.2857



90.0167, 0.3059, 0.3165



90.0216, 0.2881, 0.3254



18.9783, 0.3049, 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.



69.4989, 0.2890, 0.2857



65.5203, 0.2842, 0.2771



72.7327, 0.3026, 0.2874



17.4628, 0.2994, 0.3045



3.9083, 0.1532, 0.0618



0.4076, 0.1596, 0.0653

Inverse Universe

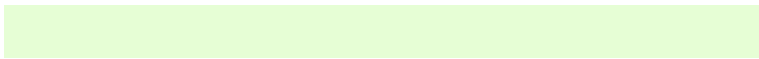
The Inverse Universe completely reimagines the original color for something new.



75.5566, 0.3173, 0.2927



72.5861, 0.3182, 0.2861



92.5081, 0.3214, 0.3712



18.2679, 0.3153, 0.3078



14.1074, 0.3473, 0.1687



1.3821, 0.3439, 0.1668

Previews

White Background



This preview shows how the Yxy color 69.4960, 0.2890, 0.2857 looks on a white background.

Color Contrast Check

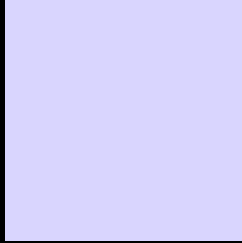
Large Text (above 18pt) WCAG AA × Fail

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 69.4960, 0.2890, 0.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

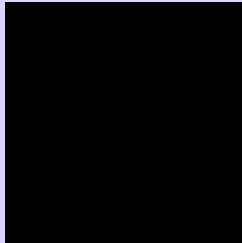
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.4960, 0.2890, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 69.4960, 0.2890, 0.2857.

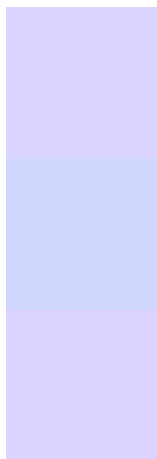


This preview shows how white text looks on a background with the Yxy color 69.4960, 0.2890, 0.2857.

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

69.4960, 0.2890, 0.2857

Protanopia

69.3762, 0.2832, 0.2862

Deuteranopia

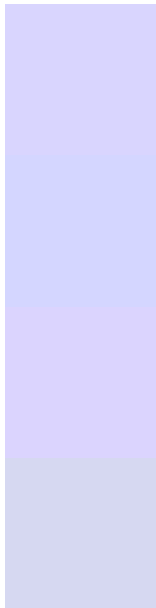
69.4584, 0.2910, 0.2849



Tritanopia

69.7124, 0.2988, 0.3104

Trichromacy



Original Color

69.4960, 0.2890, 0.2857

Protanomaly

69.3102, 0.2851, 0.2854

Deuteranomaly

69.3028, 0.2903, 0.2848

Tritanomaly

69.7587, 0.2951, 0.3020

Monochromacy



Original Color

69.4960, 0.2890, 0.2857

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.3573, 0.3036, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4960, 0.2890, 0.2857 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, 213, 254)` looks like.

```
.text, #text, p{  
    color:rgb(217, 213, 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, 213, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 213, 254) }
```

Border

The CSS property to change the border of an element to Yxy 69.4960, 0.2890, 0.2857 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, 213, 254) }
```

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

```
.border{ border-color:rgb(217, 213, 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, 213, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 213, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 213, 254);  
box-shadow:4px 4px 4px 4px rgb(217, 213,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4960, 0.2890, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 213, 254) }
```

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

```
.background{ background-color: rgb(217,  
213, 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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