

Converting Colors

Yxy(66.7689, 0.2833, 0.2828)

Have a look what the booklet for
Yxy(66.7689, 0.2833, 0.2828)
contains.

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Color

Yxy(66.5949, 0.2834, 0.2826)

Conversions

Conversions Part 1

Format	Color
Hex	D0D2FD
RGB	208, 210, 253
RGB Percent	82%, 82%, 99%
CMY	0.1844, 0.1764, 0.0078
CMYK	0.18, 0.17, 0.00, 0.01
HSL	237°, 92%, 90%
HSV	237°, 18%, 99%
XYZ	66.7834, 66.5949, 102.2724
YIQ	214.3040, -14.9950, 12.9490

Conversions

Conversions Part 2

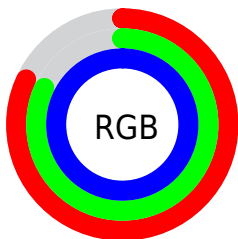
Format	Color
R _Y B	208, 210, 253
Decimal	13685501
CIE Lab	85.30, 7.88, -21.21
CIE LCh	85, 22.629, 290.366
Yxy	66.5949, 0.2834, 0.2826
Android (android.graphics.Color)	4291875581 (0xFFD0D2FD)
YUV	214.3040, 19.0771, -5.5286
Hunter-Lab	81.6057, 3.2686, -17.1813

Details

The Yxy color **66.5949, 0.2834, 0.2826** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.4139, 0.3399, 0.3715**, and the grayscale version is **67.3363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5348, 0.2764, 0.2729** is the 20% darker color. If you saturate the color by 10%, you get **52.1775, 0.2643, 0.2520**, and if you desaturate by 10%, it is **83.4027, 0.3006, 0.3100**.

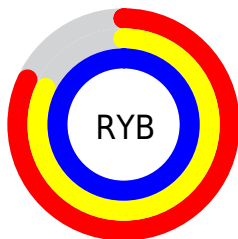
Distribution



Red (82%)

Green (82%)

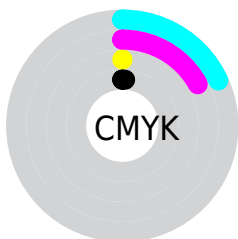
Blue (99%)



Red (82%)

Yellow (82%)

Blue (99%)

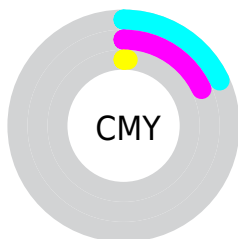


Cyan (18%)

Magenta (17%)

Yellow (0%)

Black (1%)



Cyan (18%)

Magenta (18%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5949, 0.2834, 0.2826 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 66.5949, 0.2834, 0.2826 by changing the saturation by 10% instead.

66.5949, 0.2834,
0.2826

66.5949, 0.2834,
0.2826

448.5014, 0.2972,
0.3039

48.7555, 0.2802,
0.2778

114.3398, 0.2882,
0.2899

34.4256, 0.2763,
0.2719

145.0140, 0.2901,
0.2928

23.2207, 0.2712,
0.2645

180.7353, 0.2917,
0.2953

14.7566, 0.2646,
0.2549

221.8880, 0.2931,
0.2974

8.6487, 0.2556,
0.2421

268.8566, 0.2943,
0.2993

4.5128, 0.2425,
0.2241

322.0255, 0.2954,

1.9643, 0.2222,

0.3010

0.1972

381.7789, 0.2963,
0.3025

0.5866, 0.1882,
0.1473

0.0000, 0.0000,
0.0000

66.5949, 0.2834,
0.2826

66.5949, 0.2834,
0.2826

52.1775, 0.2643,
0.2520

83.4027, 0.3006,
0.3100

40.0343, 0.2437,
0.2189

99.8727, 0.3139,
0.3309

30.0515, 0.2224,
0.1842

22.1026, 0.2015,
0.1499

■ 16.0475, 0.1827,
0.1184

■ 11.7287, 0.1674,
0.0923

■ 8.9630, 0.1568,
0.0736

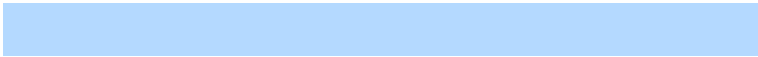
■ 7.5226, 0.1513,
0.0632

■ 7.3429, 0.1505,
0.0619

Harmonies

Analogous

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



66.5949, 0.2655, 0.2867



66.5949, 0.2834, 0.2826



66.5949, 0.3098, 0.2898

Triad

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



66.5949, 0.2834, 0.2826



66.5949, 0.3687, 0.3518



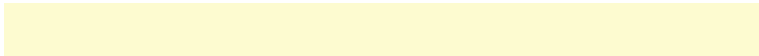
66.5949, 0.2868, 0.3532

Complementary

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



66.5949, 0.2834, 0.2826



94.4139, 0.3399, 0.3715

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.



66.5949, 0.3137, 0.3729



66.5949, 0.2834, 0.2826



66.5949, 0.3615, 0.3706

Square

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



66.5949, 0.2834, 0.2826



66.5949, 0.3600, 0.3285



66.5949, 0.3411, 0.3790



66.5949, 0.2674, 0.3266

Rectangle

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



66.5949, 0.2834, 0.2826



66.5949, 0.3289, 0.3000



66.5949, 0.3411, 0.3790



66.5949, 0.2952, 0.3609

Sweetspot

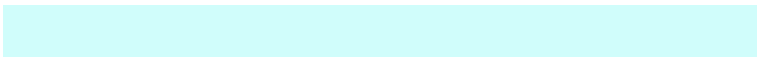
The Sweet Spot groups the original color and five complimentary colors.



66.5976, 0.2834, 0.2826



90.1398, 0.3051, 0.3170



90.6143, 0.2870, 0.3313



19.0081, 0.3040, 0.3153



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.



66.5976, 0.2834, 0.2826



62.8275, 0.2775, 0.2731



68.7233, 0.2972, 0.2823



17.5097, 0.2978, 0.3055



3.9608, 0.1508, 0.0627



0.4301, 0.1525, 0.0691

Inverse Universe

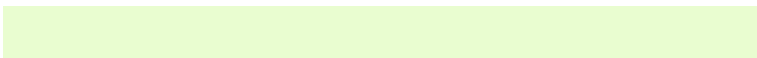
The Inverse Universe completely reimagines the original color for something new.



70.6362, 0.3458, 0.3270



67.5972, 0.3533, 0.3266



92.0919, 0.3262, 0.3754



18.0004, 0.3287, 0.3280



11.1278, 0.6355, 0.3275



1.0880, 0.6248, 0.3215

Previews

White Background



This preview shows how the Yxy color 66.5949, 0.2834, 0.2826 looks on a white background.

Color Contrast Check

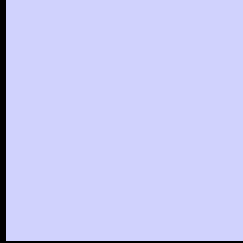
Large Text (above 18pt) WCAG AA × Fail

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 66.5949, 0.2834, 0.2826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

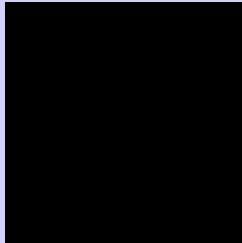
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5949, 0.2834, 0.2826

Background



This preview shows how black text looks on a background with the Yxy color 66.5949, 0.2834, 0.2826.

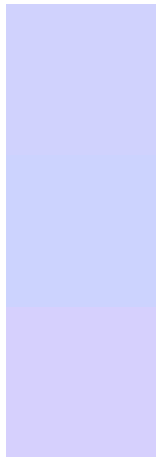


This preview shows how white text looks on a background with the Yxy color 66.5949, 0.2834, 0.2826.

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

66.5949, 0.2834, 0.2826

Protanopia

66.5817, 0.2803, 0.2824

Deuteranopia

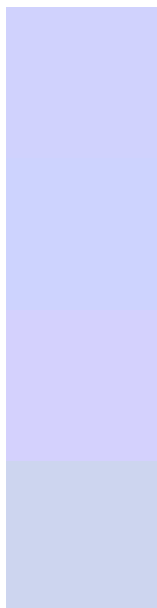
66.4997, 0.2874, 0.2809



Tritanopia

66.7000, 0.2945, 0.3099

Trichromacy



Original Color

66.5949, 0.2834, 0.2826

Protanomaly

66.7234, 0.2809, 0.2824

Deuteranomaly

66.6898, 0.2861, 0.2819

Tritanomaly

66.7996, 0.2901, 0.3002

Monochromacy



Original Color

66.5949, 0.2834, 0.2826

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.1870, 0.3020, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5949, 0.2834, 0.2826 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(208, 210, 253)` looks like.

```
.text, #text, p{  
    color:rgb(208, 210, 253)  
}
```

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(208, 210, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 210, 253) }
```

Border

The CSS property to change the border of an element to Yxy 66.5949, 0.2834, 0.2826 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(208, 210, 253) }
```

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

```
.border{ border-color:rgb(208, 210, 253) }
```

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

Here you see how a box with a 4 pixel rgb(208, 210, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 210, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 210, 253);  
box-shadow:4px 4px 4px 4px rgb(208, 210,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5949, 0.2834, 0.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 210, 253) }
```

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

```
.background{ background-color: rgb(208,  
210, 253) }
```

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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