

Converting Colors

Yxy(67.8333, 0.2809, 0.2836)

Have a look what the booklet for
Yxy(67.8333, 0.2809, 0.2836)
contains.

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Color

Yxy(67.9303, 0.2811, 0.2838)

Conversions

Conversions Part 1

Format	Color
Hex	CED5FF
RGB	206, 213, 255
RGB Percent	81%, 84%, 100%
CMY	0.1923, 0.1646, 0.0001
CMYK	0.19, 0.16, 0.00, 0.00
HSL	231°, 100%, 90%
HSV	231°, 19%, 100%
XYZ	67.2840, 67.9303, 104.1454
YIQ	215.6950, -17.6540, 11.5780

Conversions

Conversions Part 2

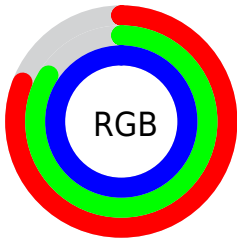
Format	Color
R _Y B	206, 212, 255
Decimal	13555199
CIE Lab	85.97, 6.08, -21.24
CIE LCh	86, 22.097, 285.981
Yxy	67.9303, 0.2811, 0.2838
Android (android.graphics.Color)	4291745279 (0xFFCED5FF)
YUV	215.6950, 19.3774, -8.5025
Hunter-Lab	82.4198, 1.4850, -17.2248

Details

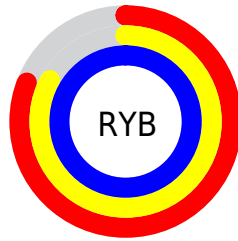
The Yxy color **67.9303, 0.2811, 0.2838** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.7830, 0.3430, 0.3705**, and the grayscale version is **68.3225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1102, 0.2735, 0.2729** is the 20% darker color. If you saturate the color by 10%, you get **54.3258, 0.2624, 0.2561**, and if you desaturate by 10%, it is **83.6093, 0.2983, 0.3087**.

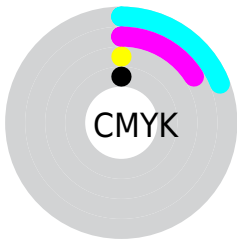
Distribution



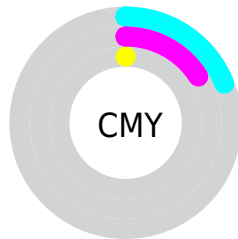
- Red (81%)
- Green (84%)
- Blue (100%)



- Red (81%)
- Yellow (83%)
- Blue (100%)



- Cyan (19%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9303, 0.2811, 0.2838 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 67.9303, 0.2811, 0.2838 by changing the saturation by 10% instead.

■ 67.9303, 0.2811,
0.2838

■ 67.9303, 0.2811,
0.2838

453.2490, 0.2959,
0.3045

■ 49.8410, 0.2777,
0.2791

116.2524, 0.2862,
0.2909

■ 35.2871, 0.2735,
0.2734

147.2541, 0.2882,
0.2937

■ 23.8841, 0.2682,
0.2662

183.3286, 0.2900,
0.2961

■ 15.2477, 0.2612,
0.2569

224.8605, 0.2914,
0.2982

■ 8.9934, 0.2518,
0.2444

272.2341, 0.2928,
0.3001

■ 4.7369, 0.2382,
0.2269

325.8338, 0.2939,

■ 2.0937, 0.2174,

0.3017

0.2009

386.0440, 0.2949,
0.3032

0.6611, 0.1827,
0.1555

0.0000, 0.0000,
0.0000

67.9303, 0.2811,
0.2838

67.9303, 0.2811,
0.2838

54.3258, 0.2624,
0.2561

83.6093, 0.2983,
0.3087

42.7002, 0.2425,
0.2260

99.9980, 0.3127,
0.3290

32.9632, 0.2222,
0.1943

25.0138, 0.2025,
0.1625

■ 18.7415, 0.1846,
0.1322

■ 14.0231, 0.1699,
0.1057

■ 10.7180, 0.1593,
0.0848

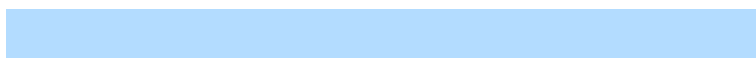
■ 8.6461, 0.1531,
0.0705

■ 8.5260, 0.1527,
0.0696

Harmonies

Analogous

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



67.9303, 0.2653, 0.2895



67.9303, 0.2811, 0.2838



67.9303, 0.3058, 0.2893

Triad

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



67.9303, 0.2811, 0.2838



67.9303, 0.3667, 0.3481



67.9303, 0.2911, 0.3558

Complementary

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



67.9303, 0.2811, 0.2838



92.7830, 0.3430, 0.3705

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.



67.9303, 0.3177, 0.3733



67.9303, 0.2811, 0.2838



67.9303, 0.3620, 0.3673

Square

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



67.9303, 0.2811, 0.2838



67.9303, 0.3561, 0.3252



67.9303, 0.3438, 0.3772



67.9303, 0.2708, 0.3306

Rectangle

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



67.9303, 0.2811, 0.2838



67.9303, 0.3244, 0.2983



67.9303, 0.3438, 0.3772



67.9303, 0.2996, 0.3629

Sweetspot

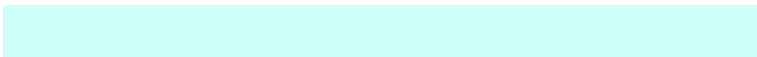
The Sweet Spot groups the original color and five complimentary colors.



67.9331, 0.2811, 0.2838



89.1409, 0.3035, 0.3160



91.3688, 0.2876, 0.3366



18.8370, 0.3025, 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.



67.9331, 0.2811, 0.2838



62.5722, 0.2742, 0.2737



67.0451, 0.2923, 0.2777



17.8001, 0.2979, 0.3080



4.5829, 0.1532, 0.0714



0.5668, 0.1577, 0.0878

Inverse Universe

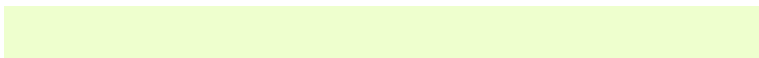
The Inverse Universe completely reimagines the original color for something new.



70.1808, 0.3454, 0.3219



65.2963, 0.3536, 0.3204



94.0988, 0.3305, 0.3788



18.0297, 0.3272, 0.3256



11.1906, 0.6210, 0.3195



1.1018, 0.5946, 0.3049

Previews

White Background



This preview shows how the Yxy color 67.9303, 0.2811, 0.2838 looks on a white background.

Color Contrast Check

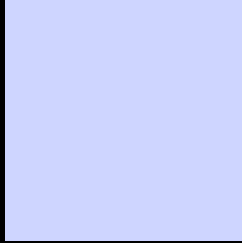
Large Text (above 18pt) WCAG AA × Fail

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 67.9303, 0.2811, 0.2838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

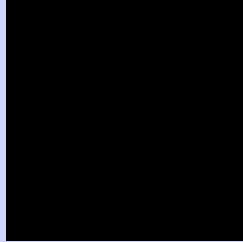
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9303, 0.2811, 0.2838

Background



This preview shows how black text looks on a background with the Yxy color 67.9303, 0.2811, 0.2838.



This preview shows how white text looks on a background with the Yxy color 67.9303, 0.2811, 0.2838.

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

67.9303, 0.2811, 0.2838

Protanopia

67.9303, 0.2811, 0.2838

Deuteranopia

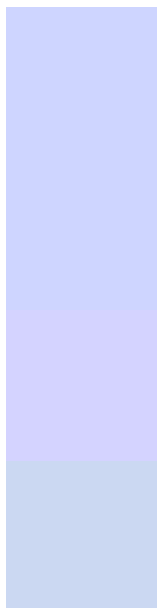
67.9121, 0.2876, 0.2813



Tritanopia

68.1228, 0.2913, 0.3100

Trichromacy



Original Color

67.9303, 0.2811, 0.2838

Protanomaly

67.9303, 0.2811, 0.2838

Deuteranomaly

67.8056, 0.2849, 0.2821

Tritanomaly

68.2190, 0.2871, 0.3003

Monochromacy



Original Color

67.9303, 0.2811, 0.2838

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.3111, 0.3007, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9303, 0.2811, 0.2838 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(206, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 213, 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(206, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 213, 255) }
```

Border

The CSS property to change the border of an element to Yxy 67.9303, 0.2811, 0.2838 is called "border". The border property can be set on classes, ids or directly on the HTML element.

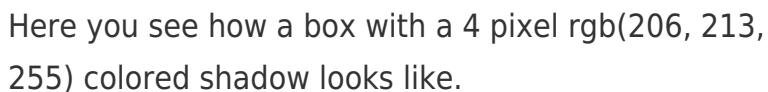
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 213, 255) }
```

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

```
.border{ border-color:rgb(206, 213, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 213,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9303, 0.2811, 0.2838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 213, 255) }
```

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

```
.background{ background-color: rgb(206,  
213, 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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