

Converting Colors

Yxy(67.3378, 0.2816, 0.2842)

Have a look what the booklet for
Yxy(67.3378, 0.2816, 0.2842)
contains.

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Color

Yxy(67.3645, 0.2816, 0.2836)

Conversions

Conversions Part 1

Format	Color
Hex	CEB4FE
RGB	206, 212, 254
RGB Percent	81%, 83%, 100%
CMY	0.1922, 0.1686, 0.0037
CMYK	0.19, 0.17, 0.00, 0.00
HSL	232°, 96%, 90%
HSV	232°, 19%, 100%
XYZ	66.8894, 67.3645, 103.2796
YIQ	214.9940, -17.0580, 11.7900

Conversions

Conversions Part 2

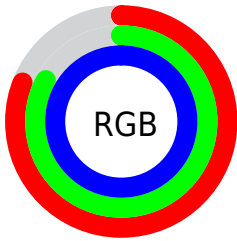
Format	Color
R _Y B	206, 211, 254
Decimal	13554942
CIE Lab	85.69, 6.43, -21.18
CIE LCh	86, 22.141, 286.895
Yxy	67.3645, 0.2816, 0.2836
Android (android.graphics.Color)	4291745022 (0xFFCED4FE)
YUV	214.9940, 19.2300, -7.8877
Hunter-Lab	82.0759, 1.8395, -17.1540

Details

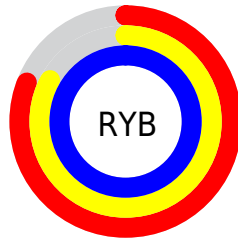
The Yxy color **67.3645, 0.2816, 0.2836** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.6897, 0.3423, 0.3707**, and the grayscale version is **67.8286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0642, 0.2742, 0.2742** is the 20% darker color. If you saturate the color by 10%, you get **53.6626, 0.2628, 0.2554**, and if you desaturate by 10%, it is **83.1891, 0.2988, 0.3089**.

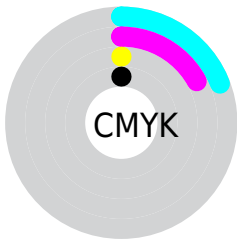
Distribution



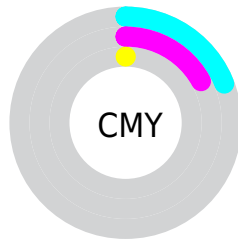
- Red (81%)
- Green (83%)
- Blue (100%)



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



- Cyan (19%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3645, 0.2816, 0.2836 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 67.3645, 0.2816, 0.2836 by changing the saturation by 10% instead.

67.3645, 0.2816,
0.2836

67.3645, 0.2816,
0.2836

451.2411, 0.2962,
0.3044

49.3809, 0.2782,
0.2789

115.4425, 0.2867,
0.2908

34.9217, 0.2741,
0.2731

146.3058, 0.2886,
0.2936

23.6026, 0.2688,
0.2659

182.2310, 0.2903,
0.2960

15.0391, 0.2619,
0.2565

223.6027, 0.2918,
0.2981

8.8468, 0.2525,
0.2439

270.8051, 0.2931,
0.3000

4.6414, 0.2390,
0.2263

324.2227, 0.2942,

2.0384, 0.2182,

0.3016

0.1999

384.2399, 0.2953,
0.3031

0.6297, 0.1833,
0.1528

0.0000, 0.0000,
0.0000

67.3645, 0.2816,
0.2836

67.3645, 0.2816,
0.2836

53.6626, 0.2628,
0.2554

83.1891, 0.2988,
0.3089

41.9848, 0.2428,
0.2247

99.9386, 0.3133,
0.3299

32.2370, 0.2223,
0.1924

24.3144, 0.2024,
0.1600

■ 18.1022, 0.1843,
0.1295

■ 13.4720, 0.1694,
0.1029

■ 10.2771, 0.1587,
0.0823

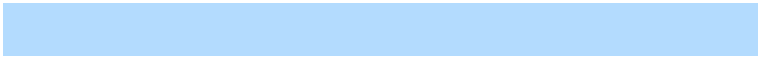
■ 8.3316, 0.1526,
0.0687

■ 8.1801, 0.1521,
0.0676

Harmonies

Analogous

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



67.3645, 0.2654, 0.2890



67.3645, 0.2816, 0.2836



67.3645, 0.3066, 0.2894

Triad

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



67.3645, 0.2816, 0.2836



67.3645, 0.3671, 0.3488



67.3645, 0.2902, 0.3552

Complementary

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



67.3645, 0.2816, 0.2836



92.6897, 0.3423, 0.3707

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.



67.3645, 0.3169, 0.3732



67.3645, 0.2816, 0.2836



67.3645, 0.3619, 0.3679

Square

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



67.3645, 0.2816, 0.2836



67.3645, 0.3569, 0.3259



67.3645, 0.3432, 0.3775



67.3645, 0.2702, 0.3298

Rectangle

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



67.3645, 0.2816, 0.2836



67.3645, 0.3253, 0.2987



67.3645, 0.3432, 0.3775



67.3645, 0.2987, 0.3625

Sweetspot

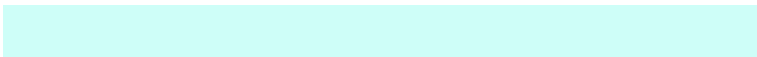
The Sweet Spot groups the original color and five complimentary colors.



67.3673, 0.2816, 0.2836



88.9677, 0.3035, 0.3158



90.7872, 0.2876, 0.3356



18.7962, 0.3025, 0.3142



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.



67.3673, 0.2816, 0.2836



62.0404, 0.2741, 0.2724



67.0815, 0.2933, 0.2787



17.7438, 0.2979, 0.3075



4.4229, 0.1526, 0.0692



0.5405, 0.1568, 0.0843

Inverse Universe

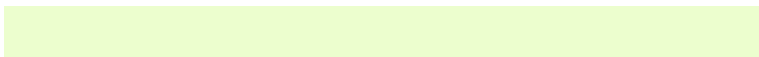
The Inverse Universe completely reimagines the original color for something new.



69.9707, 0.3454, 0.3229



65.2426, 0.3545, 0.3216



93.2734, 0.3297, 0.3781



18.0240, 0.3275, 0.3261



11.1745, 0.6247, 0.3215



1.0991, 0.6001, 0.3079

Previews

White Background



This preview shows how the Yxy color 67.3645, 0.2816, 0.2836 looks on a white background.

Color Contrast Check

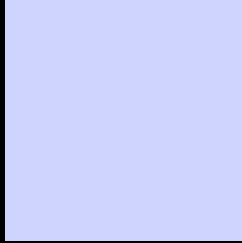
Large Text (above 18pt) WCAG AA × Fail

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 67.3645, 0.2816, 0.2836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

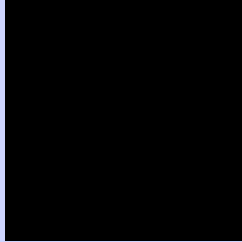
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.3645, 0.2816, 0.2836

Background



This preview shows how black text looks on a background with the Yxy color 67.3645, 0.2816, 0.2836.



This preview shows how white text looks on a background with the Yxy color 67.3645, 0.2816, 0.2836.

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

67.3645, 0.2816, 0.2836

Protanopia

67.2219, 0.2810, 0.2836

Deuteranopia

67.2680, 0.2869, 0.2802



Tritanopia

67.5515, 0.2919, 0.3099

Trichromacy



Original Color

67.3645, 0.2816, 0.2836

Protanomaly

67.2219, 0.2810, 0.2836

Deuteranomaly

67.3102, 0.2849, 0.2810

Tritanomaly

67.6483, 0.2876, 0.3002

Monochromacy



Original Color

67.3645, 0.2816, 0.2836

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.7473, 0.3013, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3645, 0.2816, 0.2836 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, 212, 254)` looks like.

```
.text, #text, p{  
    color:rgb(206, 212, 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(206, 212, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 212, 254) }
```

Border

The CSS property to change the border of an element to Yxy 67.3645, 0.2816, 0.2836 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, 212, 254) }
```

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

```
.border{ border-color:rgb(206, 212, 254) }
```

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

Here you see how a box with a 4 pixel rgb(206, 212, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 212, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 212, 254);  
box-shadow:4px 4px 4px 4px rgb(206, 212,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3645, 0.2816, 0.2836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 212, 254) }
```

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

```
.background{ background-color: rgb(206,  
212, 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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