

Converting Colors

Yxy(67.2448, 0.2937, 0.2817)

Have a look what the booklet for
Yxy(67.2448, 0.2937, 0.2817)
contains.

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Color

Yxy(67.1835, 0.2935, 0.2816)

Conversions

Conversions Part 1

Format	Color
Hex	DECFFC
RGB	222, 207, 252
RGB Percent	87%, 81%, 99%
CMY	0.1291, 0.1883, 0.0118
CMYK	0.12, 0.18, 0.00, 0.01
HSL	260°, 88%, 90%
HSV	260°, 18%, 99%
XYZ	70.0226, 67.1835, 101.3717
YIQ	216.6150, -5.5050, 17.1750

Conversions

Conversions Part 2

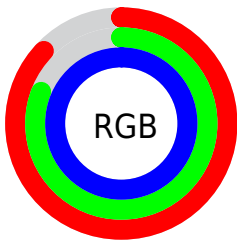
Format	Color
R _Y B	222, 207, 252
Decimal	14602236
CIE Lab	85.60, 13.67, -20.12
CIE LCh	86, 24.326, 304.179
Yxy	67.1835, 0.2935, 0.2816
Android (android.graphics.Color)	4292792316 (0xFFDECFFC)
YUV	216.6150, 17.4448, 4.7226
Hunter-Lab	81.9655, 9.0516, -15.9516

Details

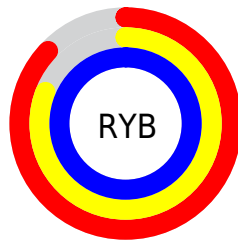
The Yxy color **67.1835, 0.2935, 0.2816** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.1151, 0.3297, 0.3750**, and the grayscale version is **68.9991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9381, 0.2893, 0.2718** is the 20% darker color. If you saturate the color by 10%, you get **53.4192, 0.2805, 0.2517**, and if you desaturate by 10%, it is **83.1650, 0.3049, 0.3092**.

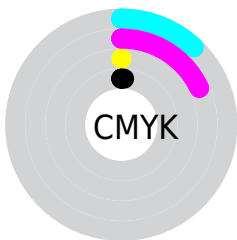
Distribution



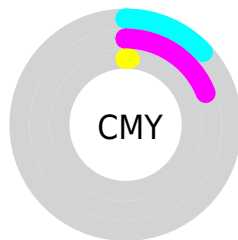
- Red (87%)
- Green (81%)
- Blue (99%)



- Red (87%)
- Yellow (81%)
- Blue (99%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (1%)



- Cyan (13%)
- Magenta (19%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1835, 0.2935, 0.2816 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 67.1835, 0.2935, 0.2816 by changing the saturation by 10% instead.

67.1835, 0.2935,
0.2816

67.1835, 0.2935,
0.2816

450.5977, 0.3027,
0.3032

49.2338, 0.2913,
0.2768

115.1833, 0.2967,
0.2890

34.8050, 0.2887,
0.2709

146.0022, 0.2980,
0.2919

23.5127, 0.2852,
0.2635

181.8795, 0.2990,
0.2944

14.9725, 0.2806,
0.2540

223.1998, 0.3000,
0.2966

8.8001, 0.2743,
0.2413

270.3473, 0.3008,
0.2985

4.6110, 0.2650,
0.2236

323.7066, 0.3015,

2.0209, 0.2501,

0.3002

0.1975

383.6619, 0.3021,
0.3018

0.6196, 0.2249,
0.1506

0.0000, 0.0000,
0.0000

67.1835, 0.2935,
0.2816

67.1835, 0.2935,
0.2816

53.4192, 0.2805,
0.2517

83.1650, 0.3049,
0.3092

41.7637, 0.2659,
0.2202

99.8083, 0.3144,
0.3319

32.1122, 0.2500,
0.1879

24.3473, 0.2332,
0.1566

■ 18.3387, 0.2165,
0.1279

■ 13.9393, 0.2006,
0.1038

■ 10.9765, 0.1866,
0.0859

■ 9.2210, 0.1752,
0.0746

■ 8.9336, 0.1730,
0.0727

Harmonies

Analogous

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



67.1835, 0.2696, 0.2802



67.1835, 0.2935, 0.2816



67.1835, 0.3237, 0.2942

Triad

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



67.1835, 0.2935, 0.2816



67.1835, 0.3713, 0.3636



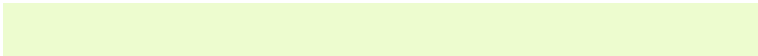
67.1835, 0.2740, 0.3421

Complementary

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



67.1835, 0.2935, 0.2816



92.1151, 0.3297, 0.3750

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.



67.1835, 0.2998, 0.3679



67.1835, 0.2935, 0.2816



67.1835, 0.3563, 0.3795

Square

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



67.1835, 0.2935, 0.2816



67.1835, 0.3698, 0.3400



67.1835, 0.3300, 0.3818



67.1835, 0.2588, 0.3135

Rectangle

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



67.1835, 0.2935, 0.2816



67.1835, 0.3434, 0.3075



67.1835, 0.3300, 0.3818



67.1835, 0.2817, 0.3515

Sweetspot

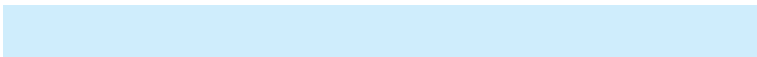
The Sweet Spot groups the original color and five complimentary colors.



67.1863, 0.2935, 0.2816



90.5606, 0.3078, 0.3166



80.8566, 0.2849, 0.3131



19.1101, 0.3071, 0.3148



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.



67.1863, 0.2935, 0.2816



64.3247, 0.2896, 0.2724



70.9681, 0.3094, 0.2838



16.9256, 0.3031, 0.3048



4.7255, 0.1746, 0.0736



0.4932, 0.1874, 0.0806

Inverse Universe

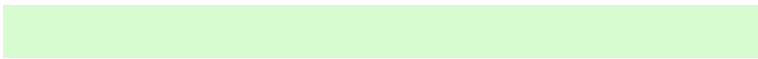
The Inverse Universe completely reimagines the original color for something new.



71.4226, 0.3254, 0.2990



69.3611, 0.3280, 0.2935



88.4945, 0.3151, 0.3771



17.4199, 0.3190, 0.3134



12.2732, 0.4282, 0.2133



1.1564, 0.4121, 0.2044

Previews

White Background



This preview shows how the Yxy color 67.1835, 0.2935, 0.2816 looks on a white background.

Color Contrast Check

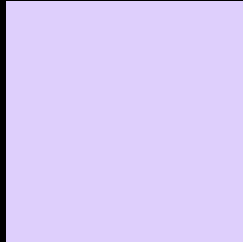
Large Text (above 18pt) WCAG AA × Fail

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 67.1835, 0.2935, 0.2816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

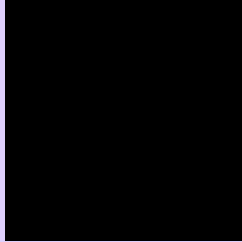
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.1835, 0.2935, 0.2816

Background



This preview shows how black text looks on a background with the Yxy color 67.1835, 0.2935, 0.2816.

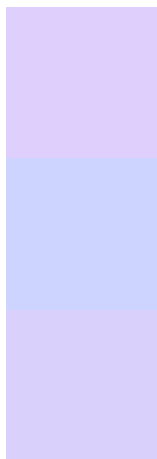


This preview shows how white text looks on a background with the Yxy color 67.1835, 0.2935, 0.2816.

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

67.1835, 0.2935, 0.2816

Protanopia

67.2861, 0.2804, 0.2826

Deuteranopia

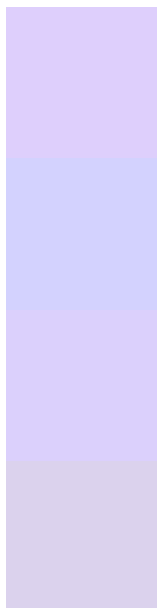
67.3809, 0.2901, 0.2833



Tritanopia

67.0954, 0.3063, 0.3104

Trichromacy



Original Color

67.1835, 0.2935, 0.2816

Protanomaly

67.0978, 0.2848, 0.2819

Deuteranomaly

67.2001, 0.2914, 0.2824

Tritanomaly

67.2677, 0.3011, 0.2998

Monochromacy



Original Color

67.1835, 0.2935, 0.2816

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.3617, 0.3056, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1835, 0.2935, 0.2816 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(222, 207, 252)` looks like.

```
.text, #text, p{  
    color:rgb(222, 207, 252)  
}
```

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(222, 207, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 207, 252) }
```

Border

The CSS property to change the border of an element to Yxy 67.1835, 0.2935, 0.2816 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(222, 207, 252) }
```

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

```
.border{ border-color:rgb(222, 207, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 207, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 207, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 207, 252);  
box-shadow:4px 4px 4px 4px rgb(222, 207,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1835, 0.2935, 0.2816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 207, 252) }
```

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

```
.background{ background-color: rgb(222,  
207, 252) }
```

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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