

Converting Colors

$Yxy(84.1340, 0.2858, 0.3201)$

Have a look what the booklet for
Yxy(84.1340, 0.2858, 0.3201)
contains.

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Color

Yxy(84.3316, 0.2858, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	CFF3FB
RGB	207, 243, 251
RGB Percent	81%, 95%, 98%
CMY	0.1881, 0.0471, 0.0156
CMYK	0.18, 0.03, 0.00, 0.02
HSL	191°, 85%, 90%
HSV	191°, 18%, 98%
XYZ	75.2012, 84.3316, 103.5924
YIQ	233.1480, -24.0240, -5.1440

Conversions

Conversions Part 2

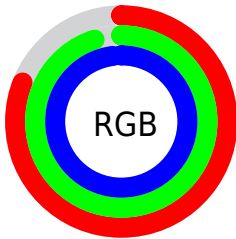
Format	Color
R_{YB}	207, 227, 251
Decimal	13628411
CIE _{Lab}	93.59, -9.94, -7.75
CIE _{LCh}	94, 12.604, 217.950
Yxy	84.3316, 0.2858, 0.3205
Android (android.graphics.Color)	4291818491 (0xFFCFF3FB)
YUV	233.1480, 8.8010, -22.9318
Hunter-Lab	91.8322, -14.5333, -2.6002

Details

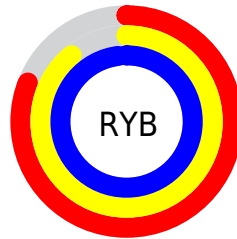
The Yxy color **84.3316, 0.2858, 0.3205** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.6390, 0.3452, 0.3373**, and the grayscale version is **81.5541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.1562, 0.2795, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **78.2981, 0.2711, 0.3151**, and if you desaturate by 10%, it is **91.0151, 0.3010, 0.3255**.

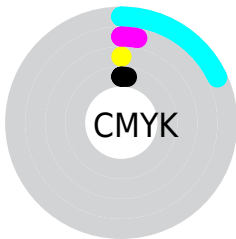
Distribution



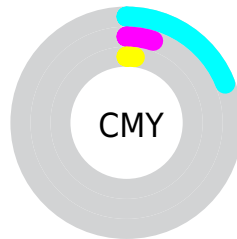
- Red (81%)
- Green (95%)
- Blue (98%)



- Red (81%)
- Yellow (89%)
- Blue (98%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (19%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.3316, 0.2858, 0.3205 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 84.3316, 0.2858, 0.3205 by changing the saturation by 10% instead.

84.3316, 0.2858,
0.3205

84.3316, 0.2858,
0.3205

509.4137, 0.2978,
0.3245

63.2892, 0.2831,
0.3196

139.4389, 0.2899,
0.3219

46.0752, 0.2799,
0.3185

174.2727, 0.2915,
0.3224

32.3052, 0.2759,
0.3170

214.4724, 0.2929,
0.3229

21.5947, 0.2708,
0.3152

260.4225, 0.2941,
0.3233

13.5594, 0.2640,
0.3126

312.5072, 0.2952,
0.3236

7.8149, 0.2546,
0.3090

371.1111, 0.2962,

3.9767, 0.2408,

0.3239

0.3033

436.6185, 0.2971,
0.3242

1.6605, 0.2186,
0.2933

0.3979, 0.0899,
0.2637

84.3316, 0.2858,
0.3205

84.3316, 0.2858,
0.3205

78.2981, 0.2711,
0.3151

91.0151, 0.3010,
0.3255

72.8764, 0.2574,
0.3092

97.9393, 0.3152,
0.3301

68.0404, 0.2449,
0.3030

99.7460, 0.3150,
0.3328

63.7575, 0.2339,
0.2966

■ 59.9917, 0.2247,
0.2900

■ 56.7020, 0.2174,
0.2833

■ 53.8405, 0.2121,
0.2767

■ 51.3441, 0.2086,
0.2701

■ 50.7597, 0.2079,
0.2685

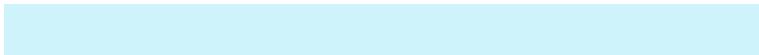
Harmonies

Analogous

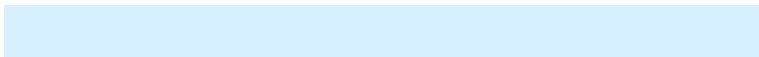
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3316, 0.2927, 0.3337



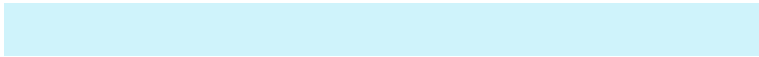
84.3316, 0.2858, 0.3205



84.3316, 0.2859, 0.3100

Triad

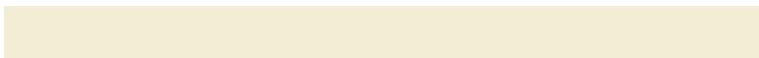
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3316, 0.2858, 0.3205



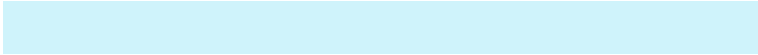
84.3316, 0.3201, 0.3129



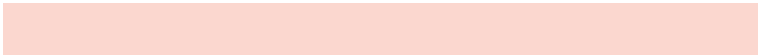
84.3316, 0.3325, 0.3537

Complementary

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



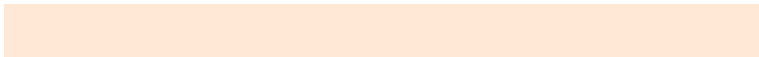
84.3316, 0.2858, 0.3205



73.6390, 0.3452, 0.3373

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.



84.3316, 0.3402, 0.3474



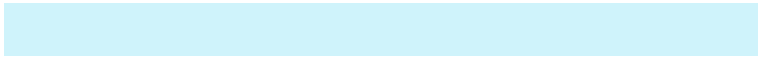
84.3316, 0.2858, 0.3205



84.3316, 0.3330, 0.3240

Square

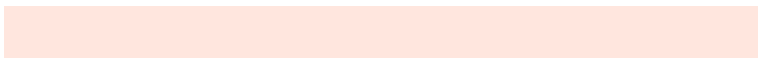
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



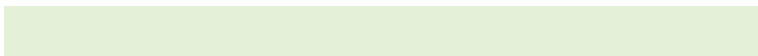
84.3316, 0.2858, 0.3205



84.3316, 0.3054, 0.3060



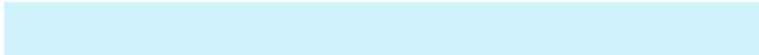
84.3316, 0.3404, 0.3365



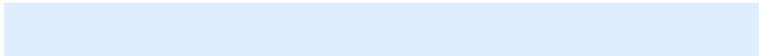
84.3316, 0.3196, 0.3533

Rectangle

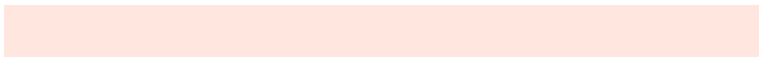
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.3316, 0.2858, 0.3205



84.3316, 0.2899, 0.3059



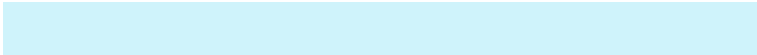
84.3316, 0.3404, 0.3365



84.3316, 0.3358, 0.3523

Sweetspot

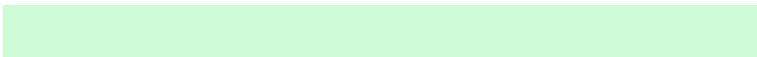
The Sweet Spot groups the original color and five complimentary colors.



84.3351, 0.2858, 0.3205



96.1881, 0.3049, 0.3267



87.1459, 0.3063, 0.3686



20.4766, 0.3039, 0.3264



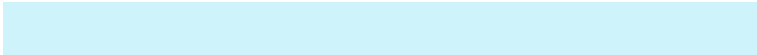
0.0000, 0.0000, 0.0000



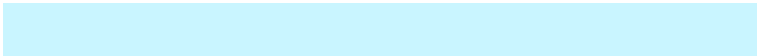
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3351, 0.2858, 0.3205



85.1511, 0.2806, 0.3186



72.3109, 0.2846, 0.2975



19.0390, 0.2980, 0.3246



26.8760, 0.2082, 0.2696



2.6244, 0.2104, 0.2774

Inverse Universe

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



71.6196, 0.3203, 0.2930



69.8508, 0.3221, 0.2857



85.2115, 0.3416, 0.3587



17.4671, 0.3166, 0.3098



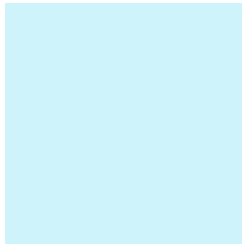
13.1241, 0.3732, 0.1830



1.2292, 0.3658, 0.1789

Previews

White Background



This preview shows how the Yxy color 84.3316, 0.2858, 0.3205 looks on a white background.

Color Contrast Check

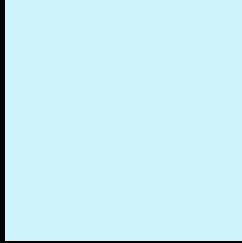
Large Text (above 18pt) WCAG AA × Fail

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 84.3316, 0.2858, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

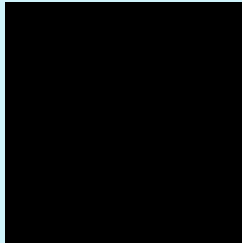
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.3316, 0.2858, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 84.3316, 0.2858, 0.3205.

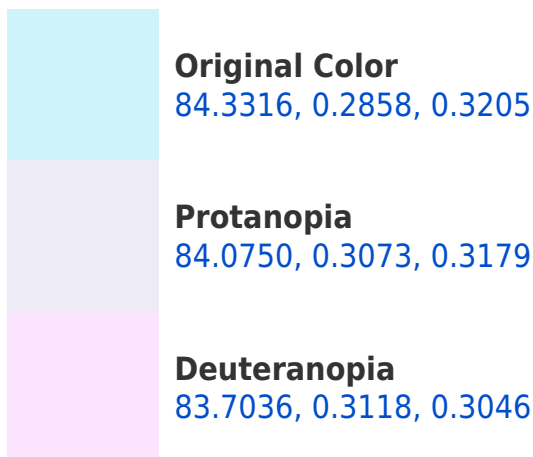


This preview shows how white text looks on a background with the Yxy color 84.3316, 0.2858, 0.3205.

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

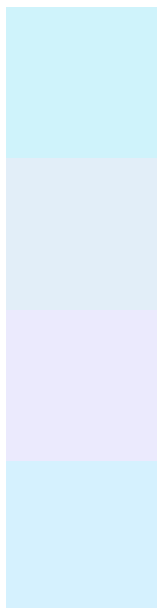




Tritanopia

84.1391, 0.2888, 0.3134

Trichromacy



Original Color

84.3316, 0.2858, 0.3205

Protanomaly

84.0951, 0.2990, 0.3187

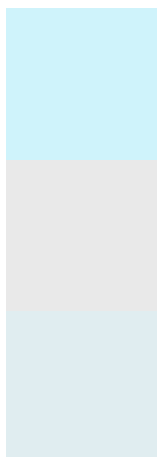
Deuteranomaly

83.5997, 0.3018, 0.3099

Tritanomaly

84.2125, 0.2876, 0.3154

Monochromacy



Original Color

84.3316, 0.2858, 0.3205

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.7069, 0.3024, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.3316, 0.2858, 0.3205 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(207, 243, 251)` looks like.

```
.text, #text, p{  
    color:rgb(207, 243, 251)  
}
```

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(207, 243, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 243, 251) }
```

Border

The CSS property to change the border of an element to Yxy 84.3316, 0.2858, 0.3205 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(207, 243, 251) }
```

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

```
.border{ border-color:rgb(207, 243, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 243, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 243, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 243, 251);  
box-shadow:4px 4px 4px 4px rgb(207, 243,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 84.3316, 0.2858, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 243, 251) }
```

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

```
.background{ background-color: rgb(207,  
243, 251) }
```

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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