

Converting Colors

$Yxy(85.2948, 0.2863, 0.3313)$

Have a look what the booklet for
Yxy(85.2948, 0.2863, 0.3313)
contains.

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Color

Yxy(85.4707, 0.2863, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	C9F7F4
RGB	201, 247, 244
RGB Percent	79%, 97%, 96%
CMY	0.2117, 0.0314, 0.0431
CMYK	0.19, 0.00, 0.01, 0.03
HSL	176°, 74%, 88%
HSV	176°, 19%, 97%
XYZ	73.6834, 85.4707, 98.2102
YIQ	232.9040, -26.4530, -10.6850

Conversions

Conversions Part 2

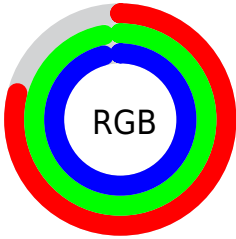
Format	Color
RYB	201, 225, 247
Decimal	13236212
CIELab	94.09, -15.19, -3.44
CIElCh	94, 15.572, 192.749
Yxy	85.4707, 0.2863, 0.3321
Android (android.graphics.Color)	4291426292 (0xFFC9F7F4)
YUV	232.9040, 5.4703, -27.9798
Hunter-Lab	92.4504, -19.5227, 1.7314

Details

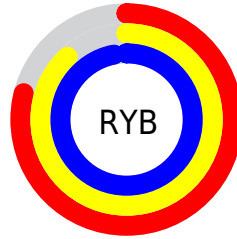
The Yxy color **85.4707, 0.2863, 0.3321** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.9199, 0.3469, 0.3260**, and the grayscale version is **81.3885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.0034, 0.2803, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **82.2242, 0.2735, 0.3340**, and if you desaturate by 10%, it is **89.2755, 0.3002, 0.3304**.

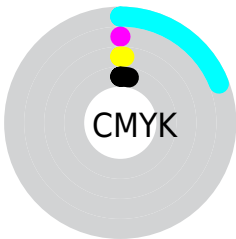
Distribution



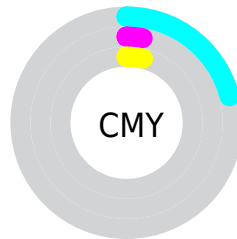
- Red (79%)
- Green (97%)
- Blue (96%)



- Red (79%)
- Yellow (88%)
- Blue (97%)



- Cyan (19%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



- Cyan (21%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.4707, 0.2863, 0.3321 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 85.4707, 0.2863, 0.3321 by changing the saturation by 10% instead.

85.4707, 0.2863,
0.3321

85.4707, 0.2863,
0.3321

513.1843, 0.2981,
0.3308

64.2304, 0.2837,
0.3324

141.0306, 0.2903,
0.3317

46.8373, 0.2805,
0.3327

176.1190, 0.2919,
0.3315

32.9070, 0.2766,
0.3330

216.5922, 0.2933,
0.3314

22.0552, 0.2715,
0.3335

262.8347, 0.2945,
0.3312

13.8975, 0.2648,
0.3340

315.2307, 0.2955,
0.3311

8.0494, 0.2556,
0.3347

374.1647, 0.2965,

4.1266, 0.2420,

0.3310

440.0211, 0.2973,
0.3309

0.3355

1.7446, 0.2199,
0.3362

0.4523, 0.0475,
0.3635

85.4707, 0.2863,
0.3321

85.4707, 0.2863,
0.3321

82.2242, 0.2735,
0.3340

89.2755, 0.3002,
0.3304

79.4992, 0.2620,
0.3360


93.6525, 0.3148,
0.3288


77.2708, 0.2520,
0.3381


94.6093, 0.3168,
0.3273


75.5079, 0.2439,
0.3402


94.7098, 0.3158,
0.3257

 74.1760, 0.2377,
0.3424


 94.8111, 0.3148,
0.3242


 73.2355, 0.2335,
0.3446

 94.9133, 0.3139,
0.3227

 72.6400, 0.2312,
0.3468

 95.0006, 0.3131,
0.3214

 72.3222, 0.2304,
0.3490

 72.2875, 0.2304,
0.3493

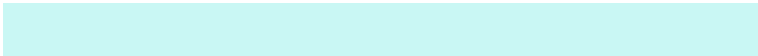
Harmonies

Analogous

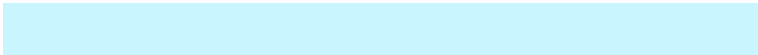
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.4707, 0.3005, 0.3478



85.4707, 0.2863, 0.3321



85.4707, 0.2792, 0.3160

Triad

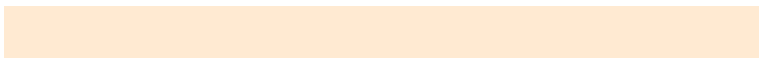
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.4707, 0.2863, 0.3321



85.4707, 0.3065, 0.3018



85.4707, 0.3456, 0.3532

Complementary

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



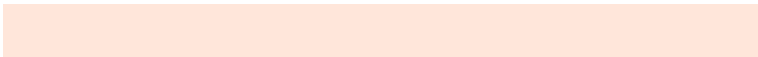
85.4707, 0.2863, 0.3321



65.9199, 0.3469, 0.3260

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.



85.4707, 0.3475, 0.3404



85.4707, 0.2863, 0.3321



85.4707, 0.3245, 0.3112

Square

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



85.4707, 0.2863, 0.3321



85.4707, 0.2905, 0.2991



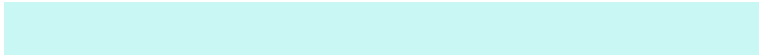
85.4707, 0.3397, 0.3252



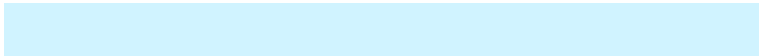
85.4707, 0.3348, 0.3600

Rectangle

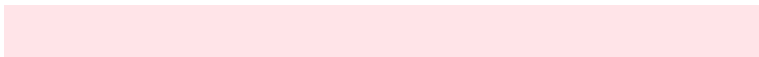
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



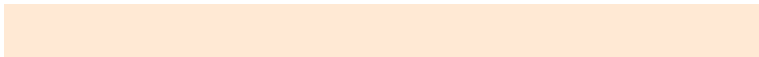
85.4707, 0.2863, 0.3321



85.4707, 0.2792, 0.3074



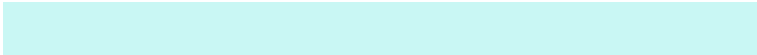
85.4707, 0.3397, 0.3252



85.4707, 0.3474, 0.3495

Sweetspot

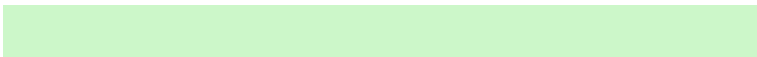
The Sweet Spot groups the original color and five complimentary colors.



85.4742, 0.2863, 0.3321



97.1489, 0.3039, 0.3299



83.5892, 0.3123, 0.3798



20.7304, 0.3030, 0.3301



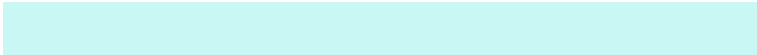
0.0000, 0.0000, 0.0000



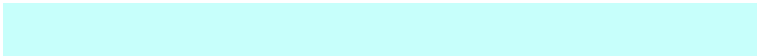
21.4041, 0.3127, 0.3290

Same Dimension

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



85.4742, 0.2863, 0.3321



90.6359, 0.2818, 0.3327



74.1171, 0.2835, 0.3073



18.7381, 0.2989, 0.3305



38.2393, 0.2303, 0.3489



3.3664, 0.2295, 0.3462

Inverse Universe

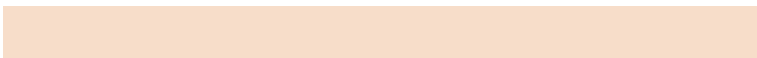
The Inverse Universe completely reimagines the original color for something new.



65.9199, 0.3469, 0.3260



66.3509, 0.3549, 0.3254



75.6776, 0.3455, 0.3498



16.5000, 0.3283, 0.3275



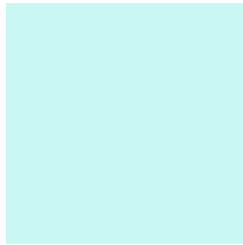
10.4847, 0.6333, 0.3262



0.9275, 0.6168, 0.3171

Previews

White Background



This preview shows how the Yxy color 85.4707, 0.2863, 0.3321 looks on a white background.

Color Contrast Check

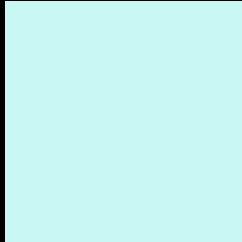
Large Text (above 18pt) WCAG AA × Fail

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 85.4707, 0.2863, 0.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

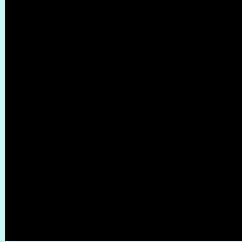
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.4707, 0.2863, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 85.4707, 0.2863, 0.3321.

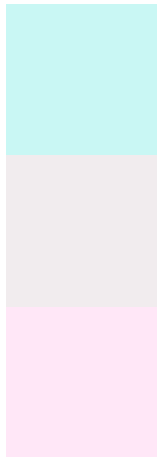


This preview shows how white text looks on a background with the Yxy color 85.4707, 0.2863, 0.3321.

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

85.4707, 0.2863, 0.3321

Protanopia

84.8647, 0.3148, 0.3270

Deuteranopia

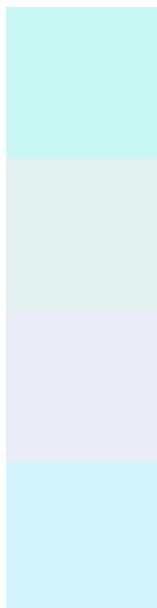
85.1272, 0.3189, 0.3134



Tritanopia

85.4760, 0.2895, 0.3156

Trichromacy



Original Color

85.4707, 0.2863, 0.3321

Protanomaly

84.7802, 0.3036, 0.3290

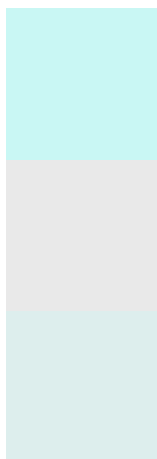
Deuteranomaly

84.8844, 0.3059, 0.3199

Tritanomaly

85.5153, 0.2882, 0.3216

Monochromacy



Original Color

85.4707, 0.2863, 0.3321

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.6356, 0.3022, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.4707, 0.2863, 0.3321 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(201, 247, 244)` looks like.

```
.text, #text, p{  
    color:rgb(201, 247, 244)  
}
```

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(201, 247, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 247, 244) }
```

Border

The CSS property to change the border of an element to Yxy 85.4707, 0.2863, 0.3321 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(201, 247, 244) }
```

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

```
.border{ border-color:rgb(201, 247, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 247, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 247, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 247, 244);  
box-shadow:4px 4px 4px 4px rgb(201, 247,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 85.4707, 0.2863, 0.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 247, 244) }
```

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

```
.background{ background-color: rgb(201,  
247, 244) }
```

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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