

Converting Colors

Yxy(84.4299, 0.2882, 0.3314)

Have a look what the booklet for
Yxy(84.4299, 0.2882, 0.3314)
contains.

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Color

Yxy(84.4724, 0.2879, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	CBF5F3
RGB	203, 245, 243
RGB Percent	80%, 96%, 95%
CMY	0.2040, 0.0392, 0.0472
CMYK	0.17, 0.00, 0.01, 0.04
HSL	177°, 68%, 88%
HSV	177°, 17%, 96%
XYZ	73.4509, 84.4724, 97.2032
YIQ	232.2140, -24.3900, -9.5260

Conversions

Conversions Part 2

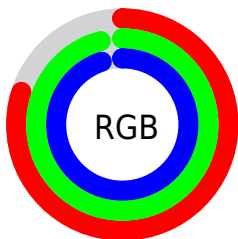
Format	Color
R _Y B	203, 225, 245
Decimal	13366771
CIE Lab	93.66, -13.82, -3.52
CIE LCh	94, 14.258, 194.276
Yxy	84.4724, 0.2879, 0.3311
Android (android.graphics.Color)	4291556851 (0xFFC _B F5F3)
YUV	232.2140, 5.3175, -25.6207
Hunter-Lab	91.9089, -18.1884, 1.6308

Details

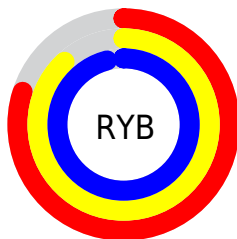
The Yxy color **84.4724, 0.2879, 0.3311** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.5273, 0.3442, 0.3269**, and the grayscale version is **80.8363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.2789, 0.2822, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **81.2322, 0.2747, 0.3325**, and if you desaturate by 10%, it is **88.2636, 0.3021, 0.3298**.

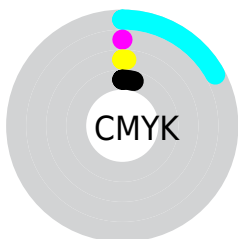
Distribution



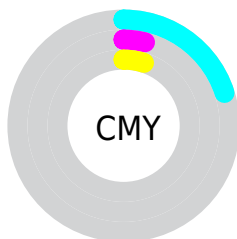
- Red (80%)
- Green (96%)
- Blue (95%)



- Red (80%)
- Yellow (88%)
- Blue (96%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (20%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.4724, 0.2879, 0.3311 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 84.4724, 0.2879, 0.3311 by changing the saturation by 10% instead.

84.4724, 0.2879,
0.3311

84.4724, 0.2879,
0.3311

509.8806, 0.2990,
0.3303

63.4055, 0.2854,
0.3313

139.6358, 0.2917,
0.3308

46.1694, 0.2824,
0.3315

174.5011, 0.2932,
0.3307

32.3795, 0.2787,
0.3317

214.7347, 0.2945,
0.3306

21.6515, 0.2739,
0.3320

260.7210, 0.2956,
0.3305

13.6011, 0.2676,
0.3323

312.8443, 0.2966,
0.3305

7.8437, 0.2588,
0.3326

371.4891, 0.2975,

3.9951, 0.2457,

0.3304

437.0397, 0.2983,
0.3303

0.3329

1.6708, 0.2245,
0.3329

0.4047, 0.0416,
0.3555

84.4724, 0.2879,
0.3311

84.4724, 0.2879,
0.3311

81.2322, 0.2747,
0.3325

88.2636, 0.3021,
0.3298

78.5070, 0.2628,
0.3339

92.6192, 0.3170,
0.3287

76.2729, 0.2526,
0.3355

93.2597, 0.3183,
0.3275

74.4998, 0.2441,
0.3371

93.3332, 0.3175,
0.3264

■ 73.1544, 0.2375,
0.3387

■ 93.4072, 0.3168,
0.3253

■ 72.1988, 0.2329,
0.3403

■ 93.4817, 0.3161,
0.3241

■ 71.5886, 0.2301,
0.3419

■ 93.5567, 0.3154,
0.3230

■ 71.2664, 0.2290,
0.3435

■ 93.6321, 0.3147,
0.3218

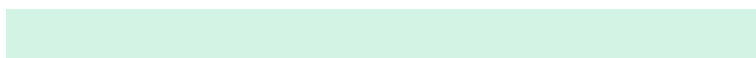
■ 71.2020, 0.2289,
0.3440

■ 93.7080, 0.3140,
0.3207

Harmonies

Analogous

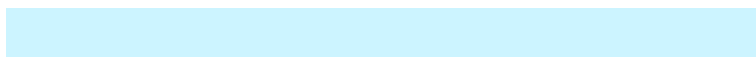
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4724, 0.3007, 0.3456



84.4724, 0.2879, 0.3311



84.4724, 0.2817, 0.3164

Triad

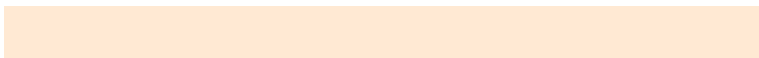
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.4724, 0.2879, 0.3311



84.4724, 0.3078, 0.3043



84.4724, 0.3426, 0.3518

Complementary

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



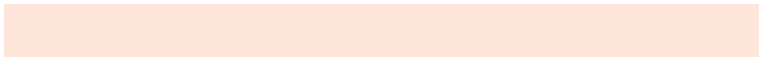
84.4724, 0.2879, 0.3311



66.5273, 0.3442, 0.3269

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.



84.4724, 0.3448, 0.3402



84.4724, 0.2879, 0.3311



84.4724, 0.3244, 0.3132

Square

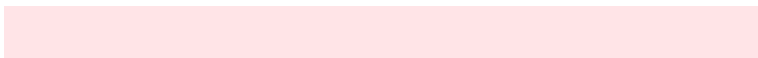
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.4724, 0.2879, 0.3311



84.4724, 0.2930, 0.3015



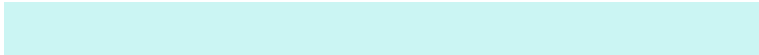
84.4724, 0.3380, 0.3262



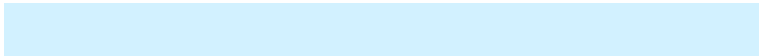
84.4724, 0.3323, 0.3576

Rectangle

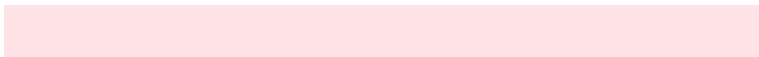
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



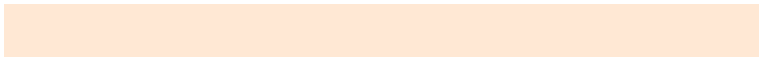
84.4724, 0.2879, 0.3311



84.4724, 0.2820, 0.3087



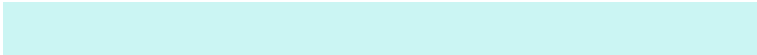
84.4724, 0.3380, 0.3262



84.4724, 0.3444, 0.3484

Sweetspot

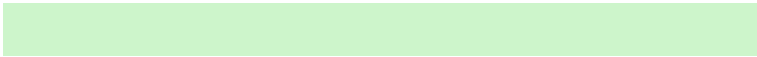
The Sweet Spot groups the original color and five complimentary colors.



84.4759, 0.2879, 0.3311



97.6217, 0.3052, 0.3296



82.6146, 0.3119, 0.3754



20.8262, 0.3042, 0.3297



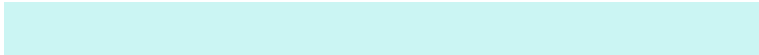
0.0000, 0.0000, 0.0000



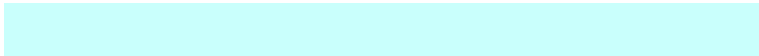
21.4041, 0.3127, 0.3290

Same Dimension

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



84.4759, 0.2879, 0.3311



91.0535, 0.2826, 0.3316



73.7340, 0.2858, 0.3084



18.7431, 0.2987, 0.3301



38.3596, 0.2288, 0.3437



3.3756, 0.2283, 0.3417

Inverse Universe

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



66.5273, 0.3442, 0.3269



67.6055, 0.3532, 0.3264



75.9131, 0.3424, 0.3488



16.4956, 0.3286, 0.3279



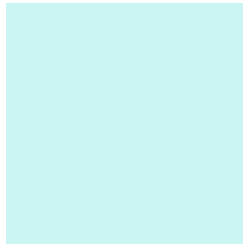
10.4777, 0.6350, 0.3272



0.9254, 0.6224, 0.3202

Previews

White Background



This preview shows how the Yxy color 84.4724, 0.2879, 0.3311 looks on a white background.

Color Contrast Check

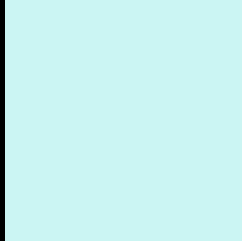
Large Text (above 18pt) WCAG AA × Fail

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 84.4724, 0.2879, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

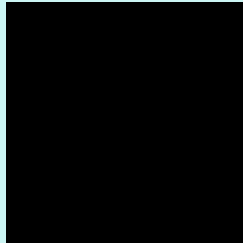
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

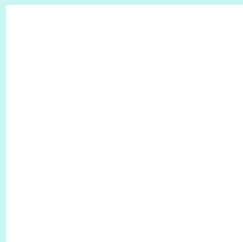
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.4724, 0.2879, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 84.4724, 0.2879, 0.3311.

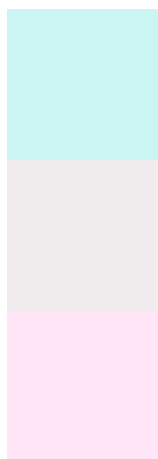


This preview shows how white text looks on a background with the Yxy color 84.4724, 0.2879, 0.3311.

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

84.4724, 0.2879, 0.3311

Protanopia

84.0564, 0.3148, 0.3270

Deuteranopia

83.9524, 0.3196, 0.3124



Tritanopia

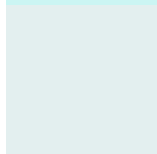
84.5777, 0.2883, 0.3145

Trichromacy



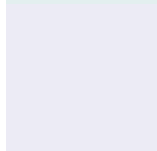
Original Color

84.4724, 0.2879, 0.3311



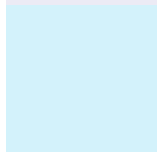
Protanomaly

84.2959, 0.3049, 0.3290



Deuteranomaly

83.8421, 0.3072, 0.3189



Tritanomaly

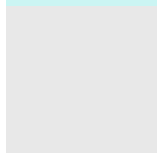
84.3182, 0.2881, 0.3195

Monochromacy



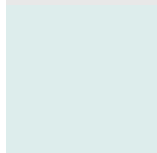
Original Color

84.4724, 0.2879, 0.3311



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

81.9967, 0.3028, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.4724, 0.2879, 0.3311 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(203, 245, 243)` looks like.

```
.text, #text, p{  
    color:rgb(203, 245, 243)  
}
```

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(203, 245, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 245, 243) }
```

Border

The CSS property to change the border of an element to Yxy 84.4724, 0.2879, 0.3311 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(203, 245, 243) }
```

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

```
.border{ border-color:rgb(203, 245, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 245, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 245, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 245, 243);  
box-shadow:4px 4px 4px 4px rgb(203, 245,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 84.4724, 0.2879, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 245, 243) }
```

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

```
.background{ background-color: rgb(203,  
245, 243) }
```

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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