

Converting Colors

Yxy(83.4708, 0.2901, 0.3245)

Have a look what the booklet for
Yxy(83.4708, 0.2901, 0.3245)
contains.

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Color

Yxy(83.7134, 0.2897, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	D1F2F6
RGB	209, 242, 246
RGB Percent	82%, 95%, 96%
CMY	0.1802, 0.0510, 0.0353
CMYK	0.15, 0.02, 0.00, 0.04
HSL	187°, 67%, 89%
HSV	187°, 15%, 96%
XYZ	74.6898, 83.7134, 99.4145
YIQ	232.5890, -20.9520, -5.7520

Conversions

Conversions Part 2

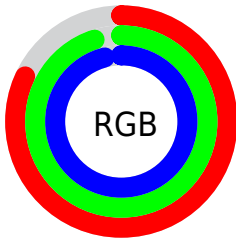
Format	Color
R _{YB}	209, 226, 246
Decimal	13759222
CIE Lab	93.33, -9.83, -5.53
CIE LCh	93, 11.282, 209.369
Yxy	83.7134, 0.2897, 0.3247
Android (android.graphics.Color)	4291949302 (0xFFD1F2F6)
YUV	232.5890, 6.6116, -20.6876
Hunter-Lab	91.4950, -14.4021, -0.3754

Details

The Yxy color **83.7134, 0.2897, 0.3247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.8140, 0.3403, 0.3333**, and the grayscale version is **81.1289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.7055, 0.2843, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **78.8229, 0.2752, 0.3215**, and if you desaturate by 10%, it is **89.1881, 0.3049, 0.3276**.

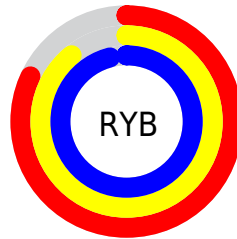
Distribution



Red (82%)

Green (95%)

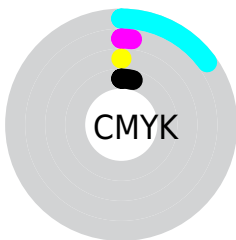
Blue (96%)



Red (82%)

Yellow (89%)

Blue (96%)

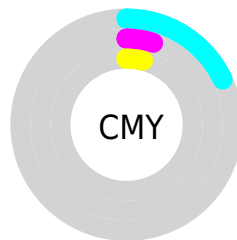


Cyan (15%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (18%)

Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.7134, 0.2897, 0.3247 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 83.7134, 0.2897, 0.3247 by changing the saturation by 10% instead.

83.7134, 0.2897,
0.3247

83.7134, 0.2897,
0.3247

507.3610, 0.3000,
0.3267

62.7788, 0.2874,
0.3242

138.5742, 0.2932,
0.3254

45.6623, 0.2846,
0.3236

173.2692, 0.2946,
0.3257

31.9794, 0.2812,
0.3229

213.3199, 0.2958,
0.3259

21.3458, 0.2767,
0.3219

259.1105, 0.2969,
0.3261

13.3770, 0.2708,
0.3205

311.0255, 0.2978,
0.3263

7.6887, 0.2626,
0.3185

369.4494, 0.2986,

3.8964, 0.2505,

0.3265

0.3152

434.7664, 0.2994,
0.3266

1.6158, 0.2306,
0.3094

0.3682, 0.0868,
0.2909

83.7134, 0.2897,
0.3247

83.7134, 0.2897,
0.3247

78.8229, 0.2752,
0.3215

89.1881, 0.3049,
0.3276

74.4807, 0.2618,
0.3181

94.6404, 0.3184,
0.3303

70.6630, 0.2497,
0.3146

96.2878, 0.3182,
0.3329

67.3398, 0.2392,
0.3109

97.9587, 0.3181,
0.3354

■ 64.4783, 0.2305,
0.3071

■ 99.4342, 0.3179,
0.3376

■ 62.0411, 0.2238,
0.3033

■ 59.9850, 0.2190,
0.2995

■ 58.2566, 0.2160,
0.2957

■ 57.4799, 0.2150,
0.2939

Harmonies

Analogous

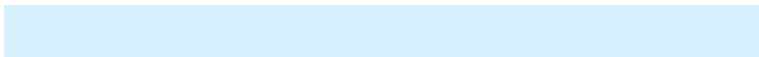
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7134, 0.2975, 0.3366



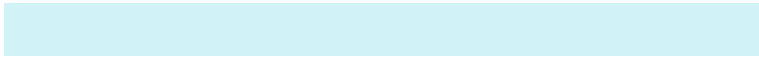
83.7134, 0.2897, 0.3247



83.7134, 0.2879, 0.3143

Triad

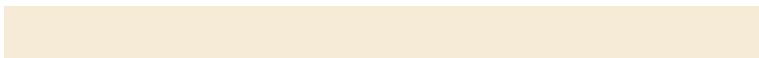
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.7134, 0.2897, 0.3247



83.7134, 0.3156, 0.3123



83.7134, 0.3331, 0.3501

Complementary

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



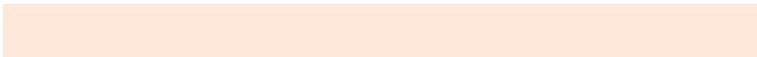
83.7134, 0.2897, 0.3247



71.8140, 0.3403, 0.3333

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.



83.7134, 0.3382, 0.3431



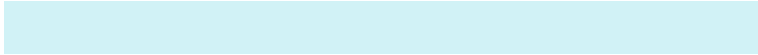
83.7134, 0.2897, 0.3247



83.7134, 0.3280, 0.3214

Square

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



83.7134, 0.2897, 0.3247



83.7134, 0.3026, 0.3074



83.7134, 0.3363, 0.3326



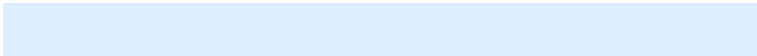
83.7134, 0.3225, 0.3515

Rectangle

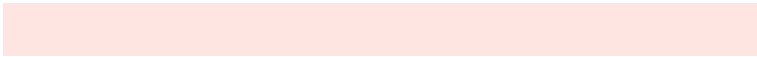
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



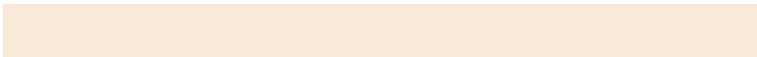
83.7134, 0.2897, 0.3247



83.7134, 0.2903, 0.3096



83.7134, 0.3363, 0.3326



83.7134, 0.3355, 0.3483

Sweetspot

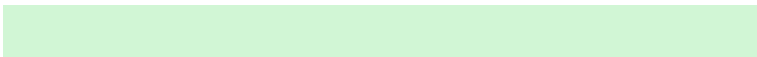
The Sweet Spot groups the original color and five complimentary colors.



83.7169, 0.2897, 0.3247



96.7819, 0.3049, 0.3276



84.2675, 0.3087, 0.3651



20.6213, 0.3038, 0.3274



0.0000, 0.0000, 0.0000



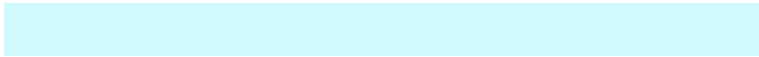
21.4041, 0.3127, 0.3290

Same Dimension

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



83.7169, 0.2897, 0.3247



89.1731, 0.2853, 0.3238



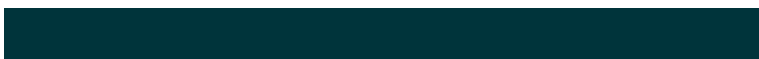
73.4337, 0.2890, 0.3051



18.4325, 0.2981, 0.3264



30.8059, 0.2151, 0.2945



2.7937, 0.2164, 0.2992

Inverse Universe

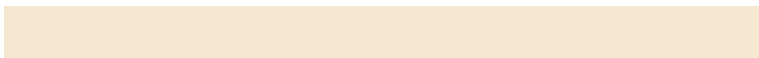
The Inverse Universe completely reimagines the original color for something new.



71.6253, 0.3172, 0.2957



73.8133, 0.3182, 0.2888



81.4746, 0.3375, 0.3518



16.7355, 0.3155, 0.3082



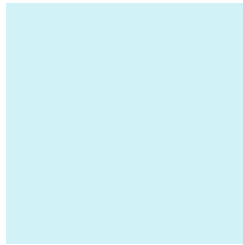
13.2092, 0.3503, 0.1703



1.1697, 0.3461, 0.1680

Previews

White Background



This preview shows how the Yxy color 83.7134, 0.2897, 0.3247 looks on a white background.

Color Contrast Check

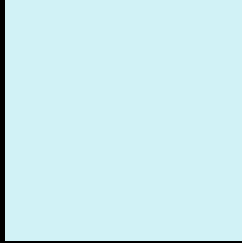
Large Text (above 18pt) WCAG AA × Fail

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 83.7134, 0.2897, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

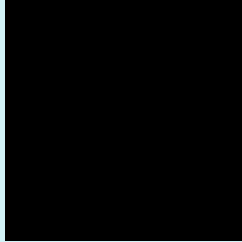
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.7134, 0.2897, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 83.7134, 0.2897, 0.3247.

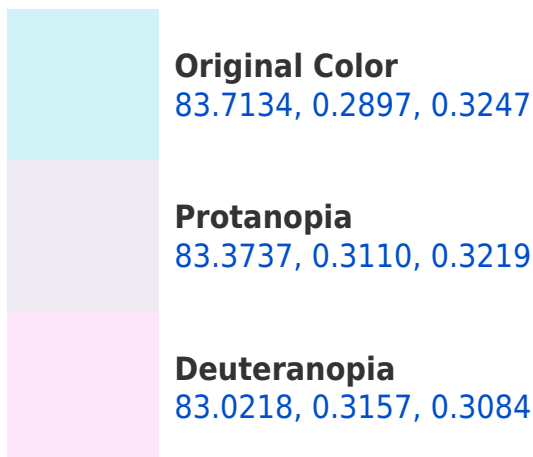


This preview shows how white text looks on a background with the Yxy color 83.7134, 0.2897, 0.3247.

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

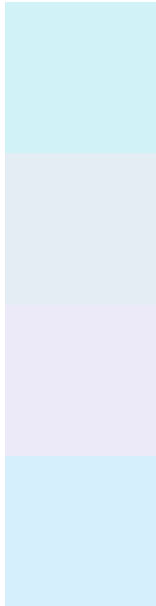




Tritanopia

83.5519, 0.2888, 0.3124

Trichromacy



Original Color

83.7134, 0.2897, 0.3247

Protanomaly

83.3703, 0.3025, 0.3228

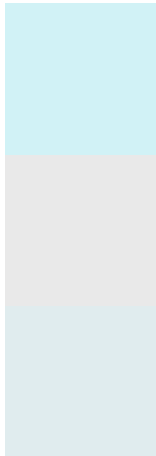
Deuteranomaly

82.8880, 0.3054, 0.3138

Tritanomaly

83.4946, 0.2887, 0.3164

Monochromacy



Original Color

83.7134, 0.2897, 0.3247

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

82.0112, 0.3036, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.7134, 0.2897, 0.3247 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(209, 242, 246)` looks like.

```
.text, #text, p{  
    color:rgb(209, 242, 246)  
}
```

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(209, 242, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 242, 246) }
```

Border

The CSS property to change the border of an element to Yxy 83.7134, 0.2897, 0.3247 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(209, 242, 246) }
```

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

```
.border{ border-color:rgb(209, 242, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 242, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 242, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 242, 246);  
box-shadow:4px 4px 4px 4px rgb(209, 242,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 83.7134, 0.2897, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 242, 246) }
```

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

```
.background{ background-color: rgb(209,  
242, 246) }
```

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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