

Converting Colors

Yxy(83.3442, 0.2869, 0.3256)

Have a look what the booklet for
Yxy(83.3442, 0.2869, 0.3256)
contains.

Yxy(83.5924, 0.2867, 0.3257)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(83.5924, 0.2867, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	CCF3F6
RGB	204, 243, 246
RGB Percent	80%, 95%, 96%
CMY	0.2002, 0.0470, 0.0351
CMYK	0.17, 0.01, 0.00, 0.04
HSL	184°, 70%, 88%
HSV	184°, 17%, 96%
XYZ	73.5829, 83.5924, 99.4793
YIQ	231.6810, -24.2070, -7.3350

Conversions

Conversions Part 2

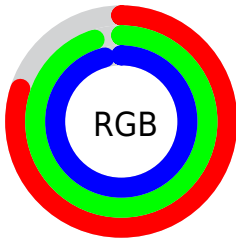
Format	Color
RYB	204, 224, 246
Decimal	13431798
CIELab	93.27, -11.90, -5.67
CIELCh	93, 13.176, 205.469
Yxy	83.5924, 0.2867, 0.3257
Android (android.graphics.Color)	4291621878 (0xFFCCCF3F6)
YUV	231.6810, 7.0593, -24.2762
Hunter-Lab	91.4289, -16.3420, -0.5104

Details

The Yxy color **83.5924, 0.2867, 0.3257** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.5786, 0.3451, 0.3323**, and the grayscale version is **80.4032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.6479, 0.2807, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **79.3344, 0.2726, 0.3236**, and if you desaturate by 10%, it is **88.4167, 0.3017, 0.3277**.

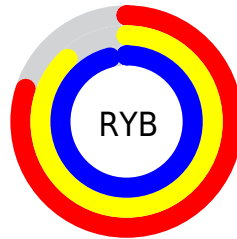
Distribution



Red (80%)

Green (95%)

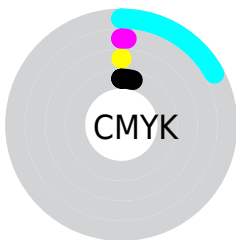
Blue (96%)



Red (80%)

Yellow (88%)

Blue (96%)

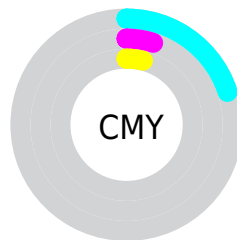


Cyan (17%)

Magenta (1%)

Yellow (0%)

Black (4%)



Cyan (20%)

Magenta (5%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.5924, 0.2867, 0.3257 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 83.5924, 0.2867, 0.3257 by changing the saturation by 10% instead.


 83.5924, 0.2867,
0.3257

 83.5924, 0.2867,
0.3257


506.9587, 0.2984,
0.3273

 62.6790, 0.2841,
0.3253


138.4049, 0.2907,
0.3263

 45.5815, 0.2810,
0.3248


173.0727, 0.2922,
0.3265

 31.9157, 0.2771,
0.3242


213.0941, 0.2936,
0.3267

 21.2971, 0.2720,
0.3234


258.8535, 0.2948,
0.3268

 13.3414, 0.2654,
0.3222

310.7352, 0.2958,
0.3270

 7.6640, 0.2562,
0.3204

369.1238, 0.2968,

 3.8807, 0.2425,

0.3271

434.4035, 0.2976,
0.3272

0.3175

1.6071, 0.2204,
0.3121

0.3624, 0.0448,
0.3002

83.5924, 0.2867,
0.3257

83.5924, 0.2867,
0.3257

79.3344, 0.2726,
0.3236

88.4167, 0.3017,
0.3277

75.6065, 0.2597,
0.3213


93.8210, 0.3173,
0.3295


72.3845, 0.2483,
0.3189


95.2541, 0.3183,
0.3312

69.6379, 0.2386,
0.3165


96.3512, 0.3182,
0.3329

 67.3331, 0.2308,
0.3140

 97.4586, 0.3181,
0.3346


 65.4318, 0.2250,
0.3115

 98.5765, 0.3180,
0.3363

 63.8891, 0.2210,
0.3090

 99.4365, 0.3179,
0.3376

 62.6473, 0.2188,
0.3066

 62.3181, 0.2183,
0.3059

Harmonies

Analogous

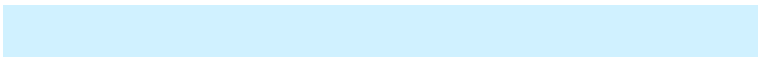
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.5924, 0.2966, 0.3397



83.5924, 0.2867, 0.3257



83.5924, 0.2836, 0.3131

Triad

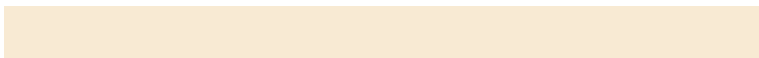
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.5924, 0.2867, 0.3257



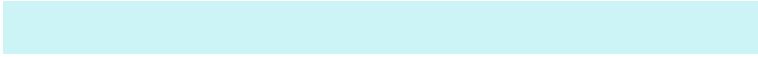
83.5924, 0.3140, 0.3085



83.5924, 0.3377, 0.3529

Complementary

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



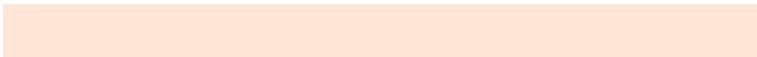
83.5924, 0.2867, 0.3257



68.5786, 0.3451, 0.3323

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.



83.5924, 0.3427, 0.3439



83.5924, 0.2867, 0.3257



83.5924, 0.3288, 0.3186

Square

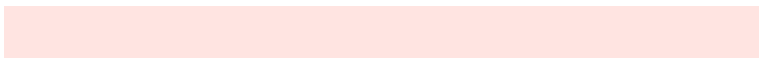
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.5924, 0.2867, 0.3257



83.5924, 0.2991, 0.3036



83.5924, 0.3394, 0.3314



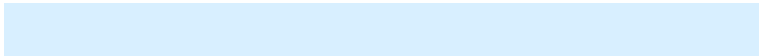
83.5924, 0.3260, 0.3556

Rectangle

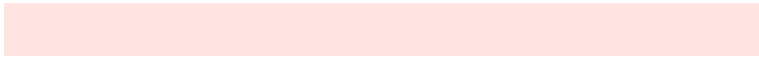
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



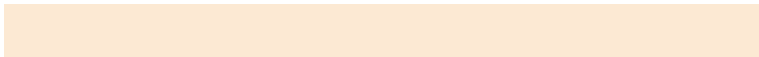
83.5924, 0.2867, 0.3257



83.5924, 0.2858, 0.3071



83.5924, 0.3394, 0.3314



83.5924, 0.3402, 0.3505

Sweetspot

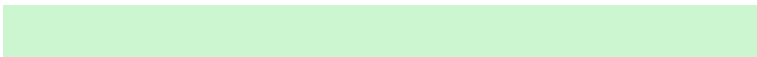
The Sweet Spot groups the original color and five complimentary colors.



83.5958, 0.2867, 0.3257



97.0768, 0.3049, 0.3281



83.2628, 0.3089, 0.3723



20.6933, 0.3038, 0.3280



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.



83.5958, 0.2867, 0.3257



88.7831, 0.2810, 0.3249



71.8337, 0.2856, 0.3030



18.5414, 0.2981, 0.3272



33.3386, 0.2184, 0.3063



2.9902, 0.2193, 0.3094

Inverse Universe

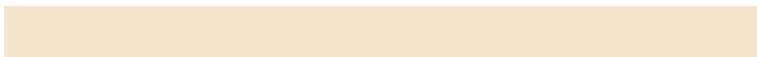
The Inverse Universe completely reimagines the original color for something new.



69.2377, 0.3168, 0.2895



70.2174, 0.3179, 0.2802



79.3384, 0.3415, 0.3537



16.7465, 0.3149, 0.3073



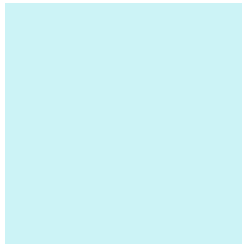
13.4649, 0.3399, 0.1646



1.1895, 0.3372, 0.1631

Previews

White Background



This preview shows how the Yxy color 83.5924, 0.2867, 0.3257 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 83.5924, 0.2867, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

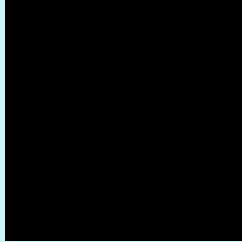
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 83.5924, 0.2867, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 83.5924, 0.2867, 0.3257.

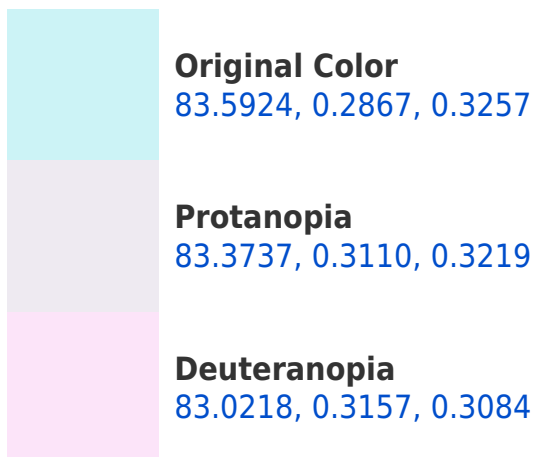


This preview shows how white text looks on a background with the Yxy color 83.5924, 0.2867, 0.3257.

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

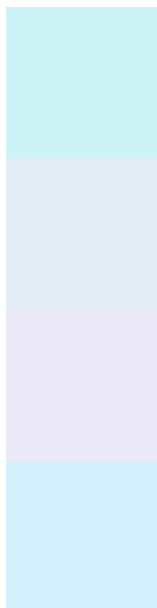




Tritanopia

83.6863, 0.2870, 0.3134

Trichromacy



Original Color

83.5924, 0.2867, 0.3257

Protanomaly

83.2082, 0.3019, 0.3228

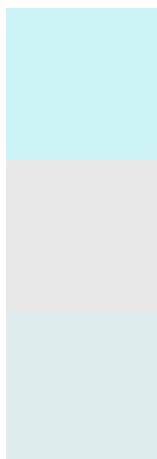
Deuteranomaly

82.7173, 0.3048, 0.3138

Tritanomaly

83.6405, 0.2869, 0.3174

Monochromacy



Original Color

83.5924, 0.2867, 0.3257

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.6349, 0.3029, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.5924, 0.2867, 0.3257 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(204, 243, 246)` looks like.

```
.text, #text, p{  
    color:rgb(204, 243, 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(204, 243, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 243, 246) }
```

Border

The CSS property to change the border of an element to Yxy 83.5924, 0.2867, 0.3257 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(204, 243, 246) }
```

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

```
.border{ border-color:rgb(204, 243, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 243, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 243, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 243, 246);  
box-shadow:4px 4px 4px 4px rgb(204, 243,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 83.5924, 0.2867, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 243, 246) }
```

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

```
.background{ background-color: rgb(204,  
243, 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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