

# Converting Colors

Yxy(88.2966, 0.2894, 0.3263)

Have a look what the booklet for  
Yxy(88.2966, 0.2894, 0.3263)  
contains.

<b>Yxy(88.2460, 0.2896, 0.3258)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(88.2460, 0.2896, 0.3258)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5F8FB
RGB	213, 248, 251
RGB Percent	84%, 97%, 98%
CMY	0.1643, 0.0275, 0.0156
CMYK	0.15, 0.01, 0.00, 0.02
HSL	185°, 83%, 91%
HSV	185°, 15%, 98%
XYZ	78.4409, 88.2460, 104.1725
YIQ	237.8770, -21.8230, -6.4870

# Conversions

## Conversions Part 2

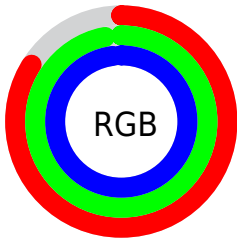
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 231, 251
Decimal	14022907
CIE Lab	95.26, -10.59, -5.24
CIE LCh	95, 11.814, 206.319
Yxy	88.2460, 0.2896, 0.3258
Android (android.graphics.Color)	4292212987 (0xFFD5F8FB)
YUV	237.8770, 6.4696, -21.8171
Hunter-Lab	93.9393, -15.3434, 0.0088

# Details

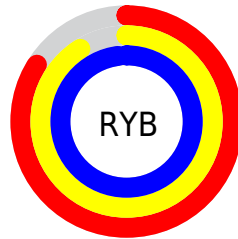
The Yxy color **88.2460, 0.2896, 0.3258** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.4927, 0.3407, 0.3322**, and the grayscale version is **85.3759, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9085, 0.2843, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **83.5544, 0.2753, 0.3235**, and if you desaturate by 10%, it is **93.5391, 0.3048, 0.3280**.

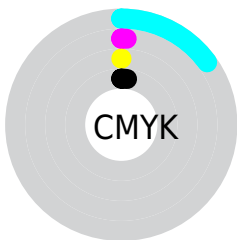
# Distribution



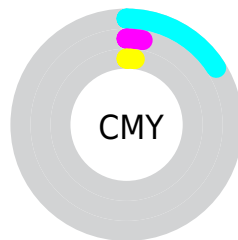
- Red (84%)
- Green (97%)
- Blue (98%)



- Red (84%)
- Yellow (91%)
- Blue (98%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)




- Cyan (16%)
- Magenta (3%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 88.2460, 0.2896, 0.3258 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 88.2460, 0.2896, 0.3258 by changing the saturation by 10% instead.



 88.2460, 0.2896,  
0.3258

 88.2460, 0.2896,  
0.3258


522.3085, 0.2999,  
0.3273

 66.5268, 0.2874,  
0.3254


144.8996, 0.2931,  
0.3263

 48.7002, 0.2846,  
0.3250


180.6028, 0.2945,  
0.3265

 34.3817, 0.2812,  
0.3244


221.7361, 0.2957,  
0.3267

 23.1870, 0.2769,  
0.3237

268.6840, 0.2967,  
0.3269

 14.7316, 0.2712,  
0.3226

321.8307, 0.2976,  
0.3270

 8.6313, 0.2634,  
0.3211


381.5608, 0.2985,


 4.5015, 0.2519,


0.3271


0.3187

448.2586, 0.2992,  
0.3272


 1.9578, 0.2337,  
0.3143


 0.5828, 0.1572,  
0.3101


 88.2460, 0.2896,  
0.3258

 88.2460, 0.2896,  
0.3258


 83.5544, 0.2753,  
0.3235


 93.5391, 0.3048,  
0.3280

 79.4266, 0.2620,  
0.3210

 97.8406, 0.3152,  
0.3299

 75.8376, 0.2502,  
0.3184

 99.1060, 0.3151,  
0.3319

 72.7561, 0.2401,  
0.3157

 99.7457, 0.3150,  
0.3328

■ 70.1474, 0.2318,  
0.3129

■ 67.9725, 0.2255,  
0.3101

■ 66.1857, 0.2211,  
0.3074

■ 64.7311, 0.2184,  
0.3047

■ 64.1004, 0.2176,  
0.3034

# Harmonies

## Analogous

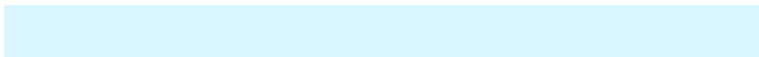
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2460, 0.2982, 0.3381



88.2460, 0.2896, 0.3258



88.2460, 0.2871, 0.3148

# Triad

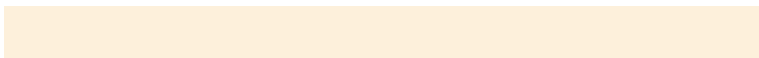
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2460, 0.2896, 0.3258



88.2460, 0.3143, 0.3111



88.2460, 0.3345, 0.3502

# Complementary

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



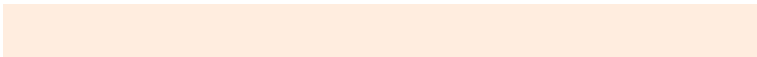
88.2460, 0.2896, 0.3258



74.4927, 0.3407, 0.3322

# 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.



88.2460, 0.3390, 0.3425



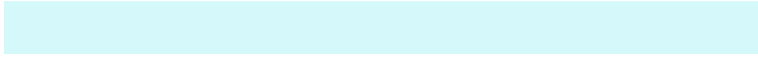
88.2460, 0.2896, 0.3258



88.2460, 0.3272, 0.3201

# Square

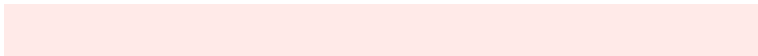
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2460, 0.2896, 0.3258



88.2460, 0.3011, 0.3066



88.2460, 0.3364, 0.3315



88.2460, 0.3241, 0.3524

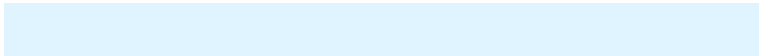


# Rectangle

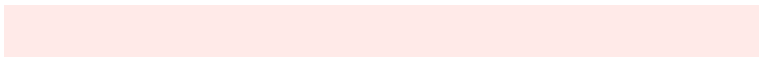
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



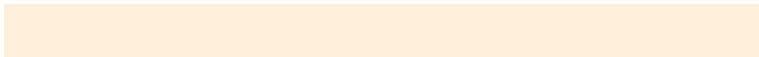
88.2460, 0.2896, 0.3258



88.2460, 0.2891, 0.3096



88.2460, 0.3364, 0.3315



88.2460, 0.3368, 0.3482

# Sweetspot

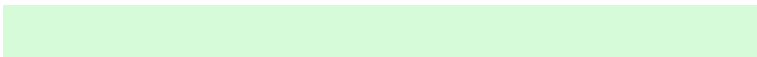
The Sweet Spot groups the original color and five complimentary colors.



88.2497, 0.2896, 0.3258



97.0137, 0.3049, 0.3280



88.0987, 0.3094, 0.3668



20.6779, 0.3038, 0.3278



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

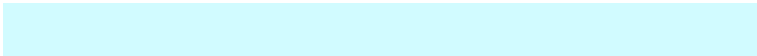


# Same Dimension

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



88.2497, 0.2896, 0.3258



89.9940, 0.2853, 0.3251



77.4541, 0.2889, 0.3063



19.3574, 0.2980, 0.3270



33.7921, 0.2177, 0.3038



3.1979, 0.2186, 0.3070



# Inverse Universe

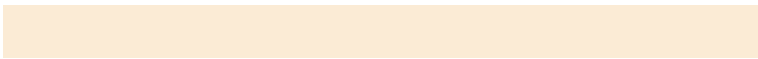
The Inverse Universe completely reimagines the original color for something new.



74.9220, 0.3165, 0.2944



73.8962, 0.3173, 0.2876



84.4956, 0.3379, 0.3507



17.4993, 0.3150, 0.3075



13.8222, 0.3421, 0.1658

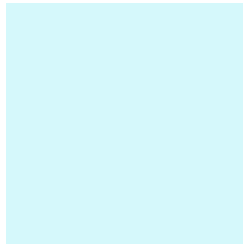


1.2871, 0.3393, 0.1643



# Previews

## White Background



This preview shows how the Yxy color 88.2460, 0.2896, 0.3258 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

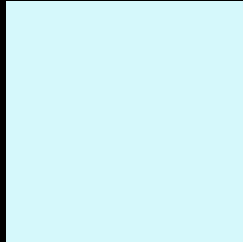
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 88.2460, 0.2896, 0.3258 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

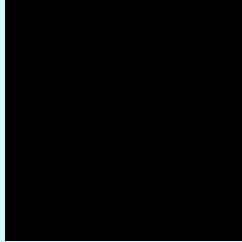
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 88.2460, 0.2896, 0.3258**

## **Background**



This preview shows how black text looks on a background with the Yxy color 88.2460, 0.2896, 0.3258.

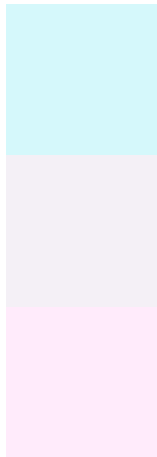


This preview shows how white text looks on a background with the Yxy color 88.2460, 0.2896, 0.3258.

# 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

88.2460, 0.2896, 0.3258

### Protanopia

88.2071, 0.3117, 0.3231

### Deuteranopia

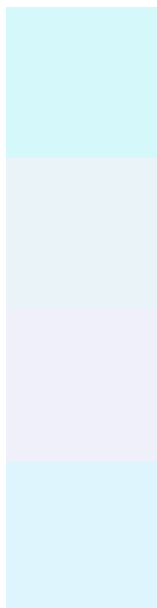
87.6417, 0.3161, 0.3135



## Tritanopia

88.2523, 0.2956, 0.3179

# Trichromacy



## Original Color

88.2460, 0.2896, 0.3258

## Protanomaly

88.2021, 0.3034, 0.3239

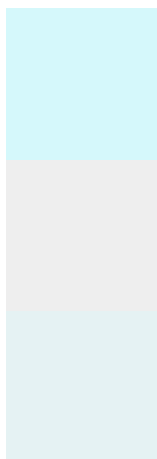
## Deuteranomaly

87.8105, 0.3061, 0.3181

## Tritanomaly

87.9902, 0.2932, 0.3198

# Monochromacy



## Original Color

88.2460, 0.2896, 0.3258

## Achromatopsia

85.4993, 0.3127, 0.3290

## Achromatomaly

86.6333, 0.3038, 0.3280

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 88.2460, 0.2896, 0.3258 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(213, 248, 251)` looks like.

```
.text, #text, p{  
    color:rgb(213, 248, 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(213, 248, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 248, 251) }
```

## Border

The CSS property to change the border of an element to Yxy 88.2460, 0.2896, 0.3258 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(213, 248, 251) }
```

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

```
.border{ border-color:rgb(213, 248, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 248, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 248, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 248, 251);  
box-shadow:4px 4px 4px 4px rgb(213, 248,  
251) }
```



# Background

The CSS property to change the background color of an element to Yxy 88.2460, 0.2896, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 248, 251) }
```

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

```
.background{ background-color: rgb(213,  
248, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor