

Converting Colors

$Yxy(88.1263, 0.2867, 0.3268)$

Have a look what the booklet for
Yxy(88.1263, 0.2867, 0.3268)
contains.

Yxy(88.1263, 0.2867, 0.3268)	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(88.1263, 0.2867, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	D0F9FB
RGB	208, 249, 251
RGB Percent	82%, 98%, 98%
CMY	0.1841, 0.0236, 0.0156
CMYK	0.17, 0.01, 0.00, 0.02
HSL	183°, 84%, 90%
HSV	183°, 17%, 98%
XYZ	77.3128, 88.1263, 104.2253
YIQ	236.9690, -25.0780, -8.0700

Conversions

Conversions Part 2

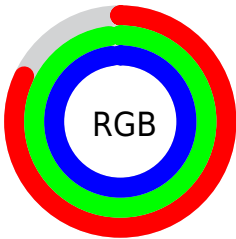
Format	Color
R _Y B	208, 229, 251
Decimal	13695483
CIE Lab	95.21, -12.63, -5.36
CIE LCh	95, 13.721, 202.985
Yxy	88.1263, 0.2867, 0.3268
Android (android.graphics.Color)	4291885563 (0xFFD0F9FB)
YUV	236.9690, 6.9173, -25.4058
Hunter-Lab	93.8756, -17.2758, -0.1137

Details

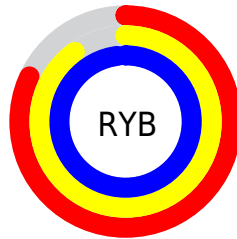
The Yxy color **88.1263, 0.2867, 0.3268** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.2039, 0.3454, 0.3312**, and the grayscale version is **84.6322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8524, 0.2808, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **84.0406, 0.2727, 0.3254**, and if you desaturate by 10%, it is **92.7998, 0.3016, 0.3281**.

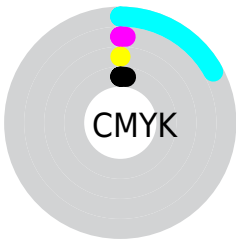
Distribution



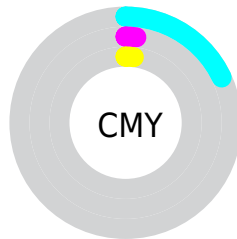
- Red (82%)
- Green (98%)
- Blue (98%)



- Red (82%)
- Yellow (90%)
- Blue (98%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)




- Cyan (18%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.1263, 0.2867, 0.3268 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 88.1263, 0.2867, 0.3268 by changing the saturation by 10% instead.


 88.1263, 0.2867,
0.3268

 88.1263, 0.2867,
0.3268


521.9168, 0.2982,
0.3279

 66.4277, 0.2842,
0.3265


144.7330, 0.2906,
0.3272

 48.6197, 0.2811,
0.3262

180.4098, 0.2922,
0.3274

 34.3179, 0.2773,
0.3257


221.5149, 0.2935,
0.3275

 23.1379, 0.2724,
0.3251

268.4325, 0.2947,
0.3276

 14.6954, 0.2660,
0.3243

321.5471, 0.2957,
0.3277

 8.6059, 0.2573,
0.3230

381.2431, 0.2967,

 4.4850, 0.2445,

0.3278

0.3209

447.9048, 0.2975,
0.3278

■ 1.9484, 0.2242,
0.3170

■ 0.5772, 0.1319,
0.3170

■ 88.1263, 0.2867,
0.3268

■ 88.1263, 0.2867,
0.3268

■ 84.0406, 0.2727,
0.3254

■ 92.7998, 0.3016,
0.3281

■ 80.5049, 0.2600,
0.3239

■ 97.4539, 0.3152,
0.3293

■ 77.4934, 0.2489,
0.3223

■ 98.2009, 0.3151,
0.3305

■ 74.9744, 0.2395,
0.3207

■ 98.9527, 0.3151,
0.3316

■ 72.9124, 0.2320,
0.3191

■ 99.7091, 0.3150,
0.3327

■ 71.2673, 0.2265,
0.3175

■ 99.7469, 0.3150,
0.3328

■ 69.9918, 0.2229,
0.3159

■ 69.0254, 0.2209,
0.3143

■ 68.7782, 0.2205,
0.3139

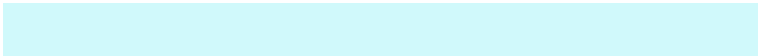
Harmonies

Analogous

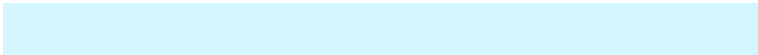
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1263, 0.2973, 0.3410



88.1263, 0.2867, 0.3268



88.1263, 0.2829, 0.3136

Triad

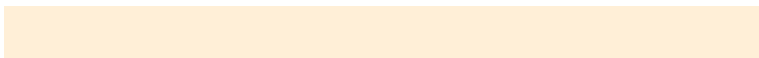
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1263, 0.2867, 0.3268



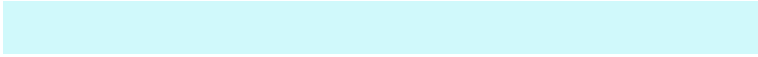
88.1263, 0.3127, 0.3074



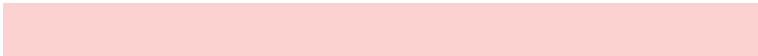
88.1263, 0.3390, 0.3529

Complementary

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



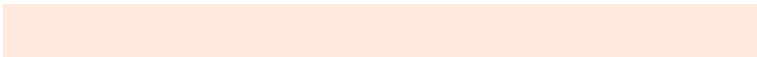
88.1263, 0.2867, 0.3268



71.2039, 0.3454, 0.3312

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.



88.1263, 0.3434, 0.3433



88.1263, 0.2867, 0.3268



88.1263, 0.3280, 0.3173

Square

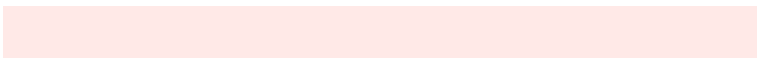
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.1263, 0.2867, 0.3268



88.1263, 0.2977, 0.3029



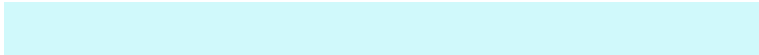
88.1263, 0.3394, 0.3303



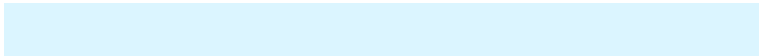
88.1263, 0.3274, 0.3563

Rectangle

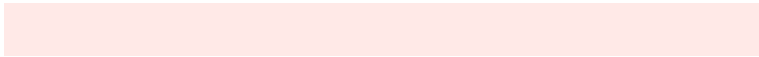
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



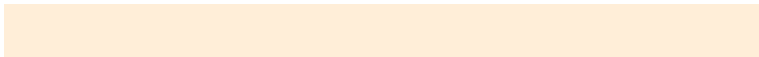
88.1263, 0.2867, 0.3268



88.1263, 0.2847, 0.3072



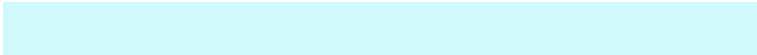
88.1263, 0.3394, 0.3303



88.1263, 0.3414, 0.3503

Sweetspot

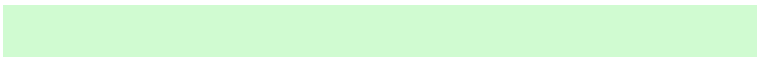
The Sweet Spot groups the original color and five complimentary colors.



88.1299, 0.2867, 0.3268



97.2766, 0.3049, 0.3284



87.0562, 0.3097, 0.3740



20.7420, 0.3038, 0.3283



0.0000, 0.0000, 0.0000



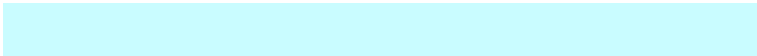
21.4041, 0.3127, 0.3290

Same Dimension

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



88.1299, 0.2867, 0.3268



89.6115, 0.2811, 0.3263



75.9270, 0.2856, 0.3045



19.4592, 0.2980, 0.3278



36.2058, 0.2206, 0.3141



3.3955, 0.2211, 0.3160

Inverse Universe

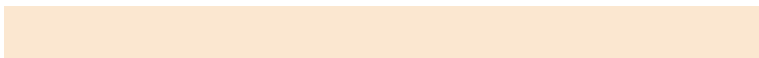
The Inverse Universe completely reimagines the original color for something new.



72.4867, 0.3161, 0.2884



70.3010, 0.3169, 0.2790



82.2057, 0.3418, 0.3523



17.5095, 0.3145, 0.3067



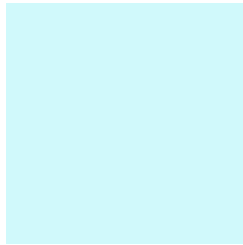
14.0659, 0.3332, 0.1609



1.3070, 0.3316, 0.1600

Previews

White Background



This preview shows how the Yxy color 88.1263, 0.2867, 0.3268 looks on a white background.

Color Contrast Check

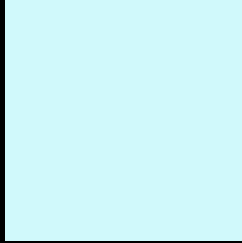
Large Text (above 18pt) WCAG AA × Fail

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 88.1263, 0.2867, 0.3268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

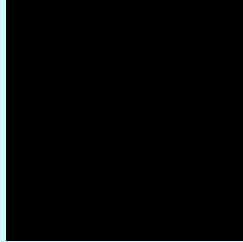
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.1263, 0.2867, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 88.1263, 0.2867, 0.3268.

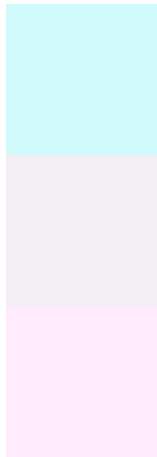


This preview shows how white text looks on a background with the Yxy color 88.1263, 0.2867, 0.3268.

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

88.1263, 0.2867, 0.3268

Protanopia

87.5587, 0.3123, 0.3230

Deuteranopia

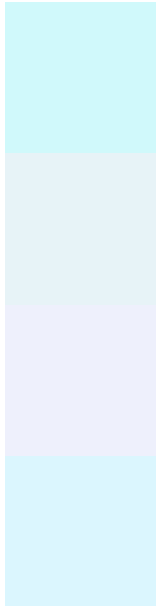
87.7049, 0.3155, 0.3126



Tritanopia

87.9289, 0.2944, 0.3178

Trichromacy



Original Color

88.1263, 0.2867, 0.3268

Protanomaly

87.8055, 0.3027, 0.3249

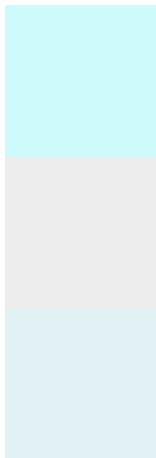
Deuteranomaly

87.5256, 0.3042, 0.3170

Tritanomaly

88.1274, 0.2914, 0.3208

Monochromacy



Original Color

88.1263, 0.2867, 0.3268

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.4901, 0.3025, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1263, 0.2867, 0.3268 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(208, 249, 251)` looks like.

```
.text, #text, p{  
    color:rgb(208, 249, 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(208, 249, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 249, 251) }
```

Border

The CSS property to change the border of an element to Yxy 88.1263, 0.2867, 0.3268 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(208, 249, 251) }
```

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

```
.border{ border-color:rgb(208, 249, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 249, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 249, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 249, 251);  
box-shadow:4px 4px 4px 4px rgb(208, 249,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1263, 0.2867, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 249, 251) }
```

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

```
.background{ background-color: rgb(208,  
249, 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