

Converting Colors

$Yxy(88.7371, 0.2830, 0.3189)$

Have a look what the booklet for
Yxy(88.7371, 0.2830, 0.3189)
contains.

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Color

Yxy(88.5267, 0.2851, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	D1F9FF
RGB	209, 249, 255
RGB Percent	82%, 98%, 100%
CMY	0.1806, 0.0235, 0.0000
CMYK	0.18, 0.02, 0.00, 0.00
HSL	188°, 100%, 91%
HSV	188°, 18%, 100%
XYZ	78.2118, 88.5267, 107.5927
YIQ	237.7240, -25.7660, -6.6140

Conversions

Conversions Part 2

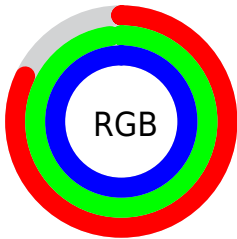
Format	Color
R_{YB}	209, 230, 255
Decimal	13761023
CIE _{Lab}	95.38, -11.55, -7.17
CIE _{LCh}	95, 13.598, 211.816
Yxy	88.5267, 0.2851, 0.3227
Android (android.graphics.Color)	4291951103 (0xFFD1F9FF)
YUV	237.7240, 8.5171, -25.1909
Hunter-Lab	94.0886, -16.2757, -1.9376

Details

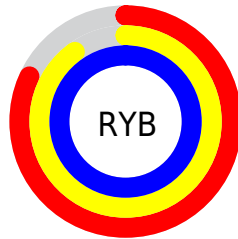
The Yxy color **88.5267, 0.2851, 0.3227** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.4277, 0.3469, 0.3352**, and the grayscale version is **85.2175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0872, 0.2796, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **83.0726, 0.2708, 0.3188**, and if you desaturate by 10%, it is **94.6162, 0.3002, 0.3263**.

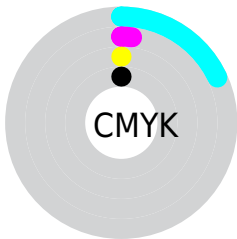
Distribution



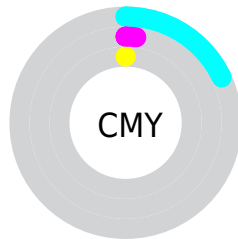
- Red (82%)
- Green (98%)
- Blue (100%)



- Red (82%)
- Yellow (90%)
- Blue (100%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.5267, 0.2851, 0.3227 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 88.5267, 0.2851, 0.3227 by changing the saturation by 10% instead.


 88.5267, 0.2851,
0.3227

 88.5267, 0.2851,
0.3227


523.2265, 0.2973,
0.3257

 66.7594, 0.2824,
0.3220

145.2902, 0.2892,
0.3237

 48.8891, 0.2792,
0.3212


181.0552, 0.2909,
0.3241

 34.5315, 0.2752,
0.3201


222.2548, 0.2923,
0.3245

 23.3022, 0.2701,
0.3187

269.2734, 0.2936,
0.3248

 14.8168, 0.2633,
0.3168

322.4956, 0.2947,
0.3250

 8.6909, 0.2542,
0.3140

382.3055, 0.2957,

 4.5401, 0.2408,

0.3253

0.3097

449.0877, 0.2965,
0.3255

■ 1.9801, 0.2198,
0.3022

■ 0.5959, 0.1392,
0.2918

■ 88.5267, 0.2851,
0.3227

■ 88.5267, 0.2851,
0.3227

■ 83.0726, 0.2708,
0.3188

■ 94.6162, 0.3002,
0.3263

■ 78.2193, 0.2575,
0.3147

100.0000, 0.3127,
0.3290

■ 73.9382, 0.2456,
0.3103

■ 70.1956, 0.2354,
0.3058

■ 66.9541, 0.2270,
0.3012

■ 64.1713, 0.2206,
0.2966

■ 61.7971, 0.2161,
0.2920

■ 59.7632, 0.2134,
0.2874

■ 59.3893, 0.2129,
0.2865

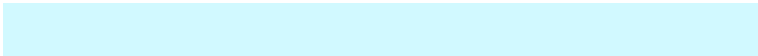
Harmonies

Analogous

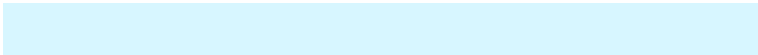
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5267, 0.2938, 0.3369



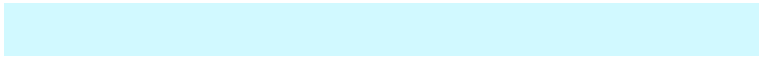
88.5267, 0.2851, 0.3227



88.5267, 0.2836, 0.3107

Triad

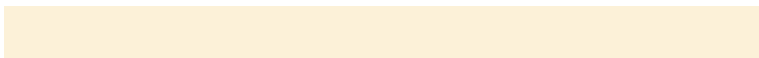
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5267, 0.2851, 0.3227



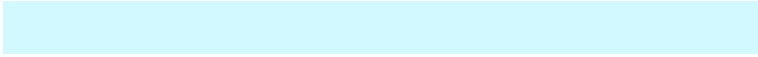
88.5267, 0.3173, 0.3101



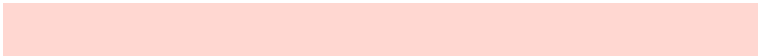
88.5267, 0.3360, 0.3544

Complementary

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



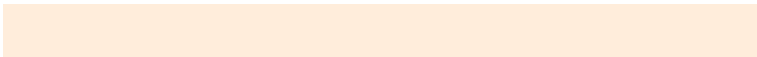
88.5267, 0.2851, 0.3227



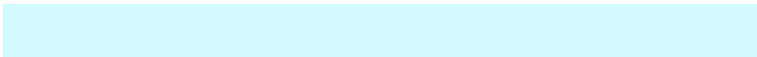
74.4277, 0.3469, 0.3352

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.



88.5267, 0.3427, 0.3464



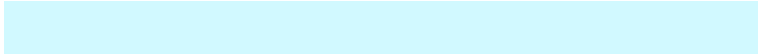
88.5267, 0.2851, 0.3227



88.5267, 0.3318, 0.3210

Square

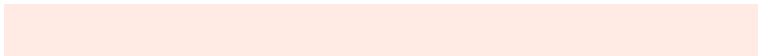
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



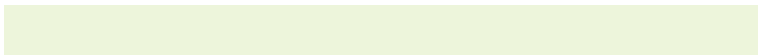
88.5267, 0.2851, 0.3227



88.5267, 0.3019, 0.3038



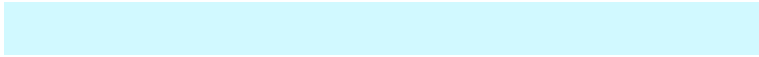
88.5267, 0.3411, 0.3342



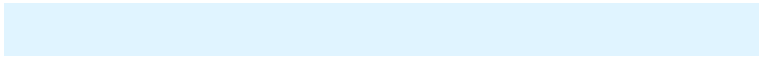
88.5267, 0.3230, 0.3556

Rectangle

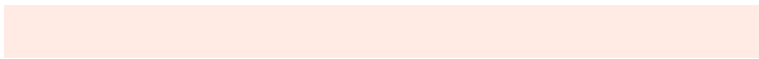
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



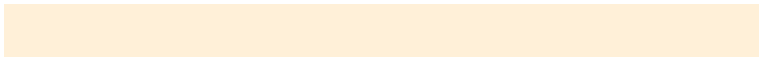
88.5267, 0.2851, 0.3227



88.5267, 0.2869, 0.3055



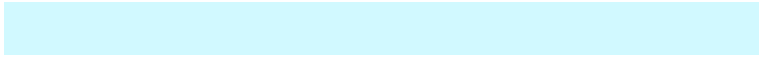
88.5267, 0.3411, 0.3342



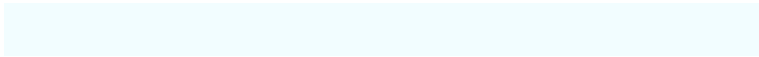
88.5267, 0.3390, 0.3524

Sweetspot

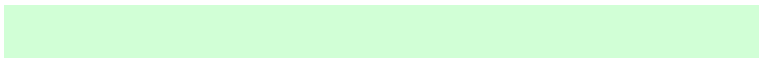
The Sweet Spot groups the original color and five complimentary colors.



88.5287, 0.2851, 0.3227



96.6089, 0.3049, 0.3274



89.9393, 0.3074, 0.3725



20.5791, 0.3038, 0.3271



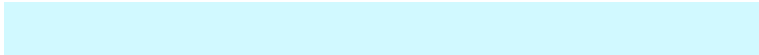
0.0000, 0.0000, 0.0000



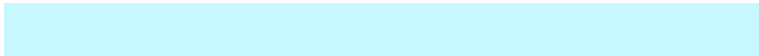
21.4041, 0.3127, 0.3290

Same Dimension

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



88.5287, 0.2851, 0.3227



86.3048, 0.2794, 0.3212



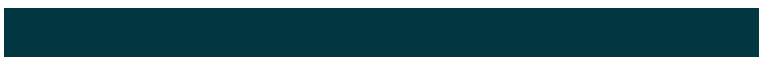
75.4882, 0.2838, 0.2989



20.0549, 0.2980, 0.3258



31.1894, 0.2131, 0.2873



3.1441, 0.2146, 0.2925

Inverse Universe

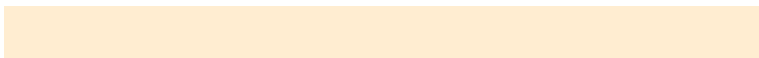
The Inverse Universe completely reimagines the original color for something new.



73.6762, 0.3189, 0.2896



68.8201, 0.3205, 0.2808



86.6304, 0.3430, 0.3574



18.2574, 0.3158, 0.3086



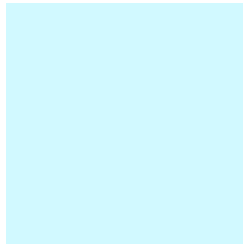
13.8766, 0.3568, 0.1739



1.3619, 0.3521, 0.1713

Previews

White Background



This preview shows how the Yxy color 88.5267, 0.2851, 0.3227 looks on a white background.

Color Contrast Check

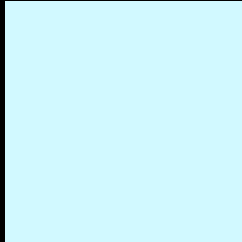
Large Text (above 18pt) WCAG AA × Fail

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 88.5267, 0.2851, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

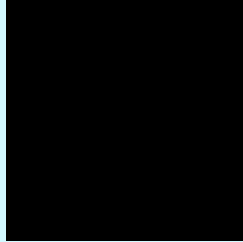
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.5267, 0.2851, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 88.5267, 0.2851, 0.3227.

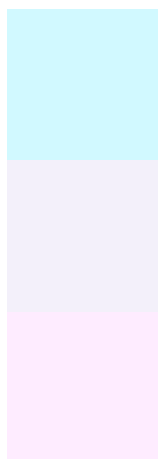


This preview shows how white text looks on a background with the Yxy color 88.5267, 0.2851, 0.3227.

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

88.5267, 0.2851, 0.3227

Protanopia

88.2770, 0.3086, 0.3191

Deuteranopia

88.2817, 0.3129, 0.3107



Tritanopia

88.0901, 0.2950, 0.3178

Trichromacy



Original Color

88.5267, 0.2851, 0.3227

Protanomaly

88.1184, 0.2998, 0.3199

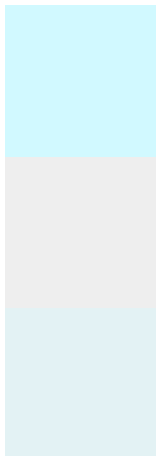
Deuteranomaly

88.3077, 0.3025, 0.3151

Tritanomaly

88.3472, 0.2914, 0.3198

Monochromacy



Original Color

88.5267, 0.2851, 0.3227

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.3668, 0.3019, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5267, 0.2851, 0.3227 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, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 249, 255)  
}
```

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, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 249, 255) }
```

Border

The CSS property to change the border of an element to Yxy 88.5267, 0.2851, 0.3227 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, 249, 255) }
```

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

```
.border{ border-color:rgb(209, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 249,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5267, 0.2851, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 249, 255) }
```

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

```
.background{ background-color: rgb(209,  
249, 255) }
```

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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