

Converting Colors

$Yxy(89.8609, 0.2747, 0.2963)$

Have a look what the booklet for
Yxy(89.8609, 0.2747, 0.2963)
contains.

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Color

Yxy(88.0377, 0.2879, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	D6F7FF
RGB	214, 247, 255
RGB Percent	84%, 97%, 100%
CMY	0.1610, 0.0313, 0.0000
CMYK	0.16, 0.03, 0.00, 0.00
HSL	192°, 100%, 92%
HSV	192°, 16%, 100%
XYZ	79.0335, 88.0377, 107.4461
YIQ	238.0450, -22.2360, -4.5080

Conversions

Conversions Part 2

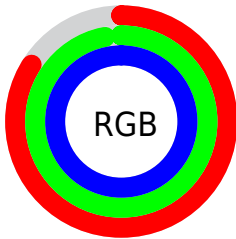
Format	Color
R_{YB}	214, 232, 255
Decimal	14088191
CIE Lab	95.18, -9.03, -7.43
CIE LCh	95, 11.698, 219.444
Yxy	88.0377, 0.2879, 0.3207
Android (android.graphics.Color)	4292278271 (0xFFD6F7FF)
YUV	238.0450, 8.3588, -21.0875
Hunter-Lab	93.8284, -13.8456, -2.2151

Details

The Yxy color **88.0377, 0.2879, 0.3207** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.3226, 0.3421, 0.3371**, and the grayscale version is **85.4793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7097, 0.2830, 0.3196** is the 20% darker color. If you saturate the color by 10%, you get **81.5064, 0.2731, 0.3150**, and if you desaturate by 10%, it is **95.2556, 0.3032, 0.3260**.

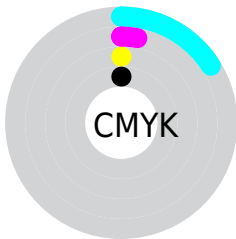
Distribution



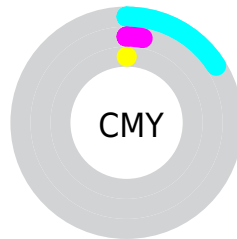
- Red (84%)
- Green (97%)
- Blue (100%)



- Red (84%)
- Yellow (91%)
- Blue (100%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.0377, 0.2879, 0.3207 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 88.0377, 0.2879, 0.3207 by changing the saturation by 10% instead.

88.0377, 0.2879,
0.3207

88.0377, 0.2879,
0.3207

521.6267, 0.2989,
0.3245

66.3543, 0.2855,
0.3198

144.6096, 0.2916,
0.3220

48.5601, 0.2826,
0.3188

180.2670, 0.2931,
0.3225

34.2706, 0.2789,
0.3174

221.3510, 0.2944,
0.3230

23.1016, 0.2743,
0.3157

268.2463, 0.2955,
0.3234

14.6685, 0.2682,
0.3133

321.3371, 0.2965,
0.3237

8.5871, 0.2599,
0.3100

381.0078, 0.2974,

4.4728, 0.2477,

0.3240

0.3048

447.6429, 0.2982,
0.3243

■ 1.9414, 0.2284,
0.2961

■ 0.5731, 0.1580,
0.2793

■ 88.0377, 0.2879,
0.3207

■ 88.0377, 0.2879,
0.3207

■ 81.5064, 0.2731,
0.3150

■ 95.2556, 0.3032,
0.3260

■ 75.6252, 0.2591,
0.3087

100.0000, 0.3127,
0.3290

■ 70.3660, 0.2462,
0.3022

■ 65.6955, 0.2348,
0.2953

■ 61.5765, 0.2252,
0.2882

■ 57.9674, 0.2175,
0.2811

■ 54.8193, 0.2117,
0.2739

■ 52.0716, 0.2079,
0.2668

■ 51.0729, 0.2067,
0.2641

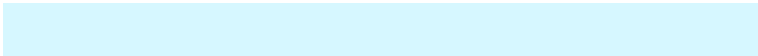
Harmonies

Analogous

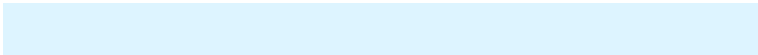
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0377, 0.2940, 0.3327



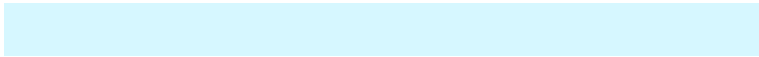
88.0377, 0.2879, 0.3207



88.0377, 0.2883, 0.3113

Triad

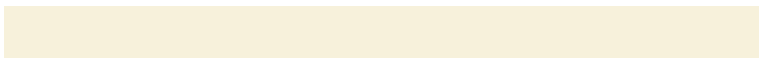
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0377, 0.2879, 0.3207



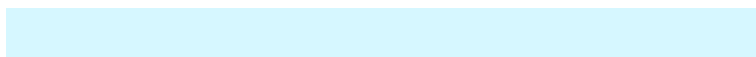
88.0377, 0.3201, 0.3147



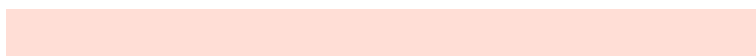
88.0377, 0.3303, 0.3518

Complementary

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



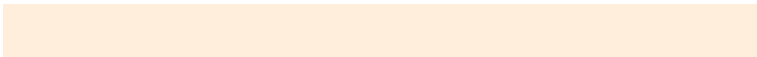
88.0377, 0.2879, 0.3207



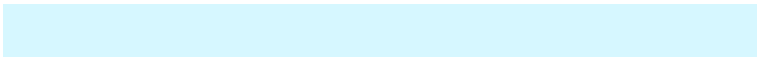
78.3226, 0.3421, 0.3371

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.



88.0377, 0.3377, 0.3463



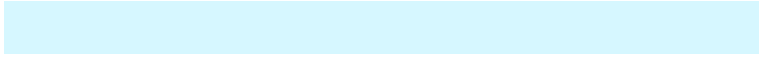
88.0377, 0.2879, 0.3207



88.0377, 0.3317, 0.3250

Square

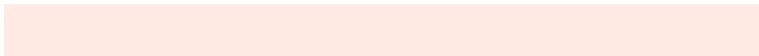
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0377, 0.2879, 0.3207



88.0377, 0.3067, 0.3081



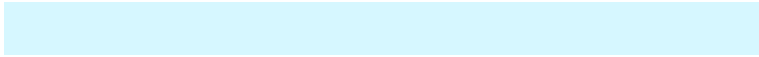
88.0377, 0.3382, 0.3364



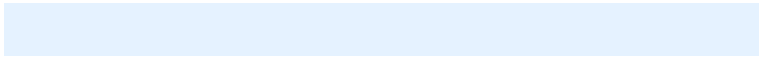
88.0377, 0.3183, 0.3510

Rectangle

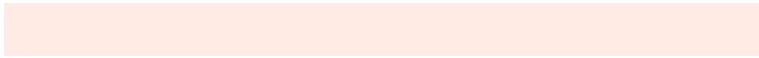
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0377, 0.2879, 0.3207



88.0377, 0.2922, 0.3077



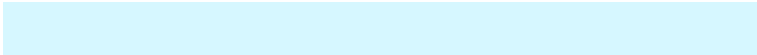
88.0377, 0.3382, 0.3364



88.0377, 0.3334, 0.3506

Sweetspot

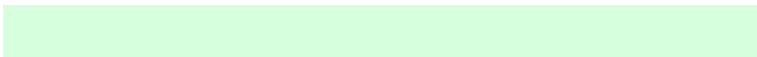
The Sweet Spot groups the original color and five complimentary colors.



88.0404, 0.2879, 0.3207



96.0893, 0.3049, 0.3266



91.0553, 0.3065, 0.3643



20.4525, 0.3039, 0.3262



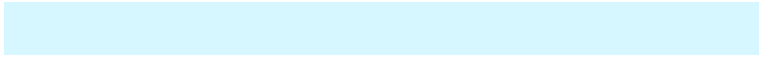
0.0000, 0.0000, 0.0000



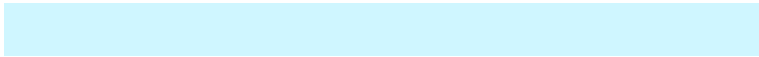
21.4041, 0.3127, 0.3290

Same Dimension

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



88.0404, 0.2879, 0.3207



86.0742, 0.2835, 0.3191



76.4212, 0.2870, 0.2995



19.8455, 0.2980, 0.3243



26.8996, 0.2070, 0.2652



2.7656, 0.2093, 0.2733

Inverse Universe

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



76.0463, 0.3200, 0.2965



72.2957, 0.3215, 0.2905



89.6182, 0.3389, 0.3568



18.2362, 0.3168, 0.3101



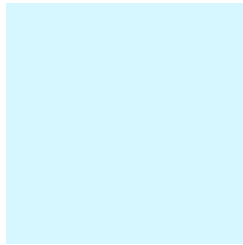
13.4435, 0.3773, 0.1852



1.3237, 0.3697, 0.1810

Previews

White Background



This preview shows how the Yxy color 88.0377, 0.2879, 0.3207 looks on a white background.

Color Contrast Check

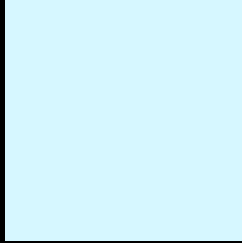
Large Text (above 18pt) WCAG AA × Fail

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 88.0377, 0.2879, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

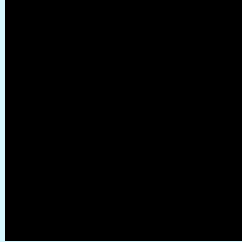
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.0377, 0.2879, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 88.0377, 0.2879, 0.3207.

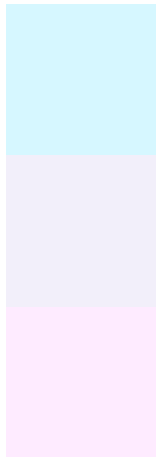


This preview shows how white text looks on a background with the Yxy color 88.0377, 0.2879, 0.3207.

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

88.0377, 0.2879, 0.3207

Protanopia

87.5124, 0.3080, 0.3181

Deuteranopia

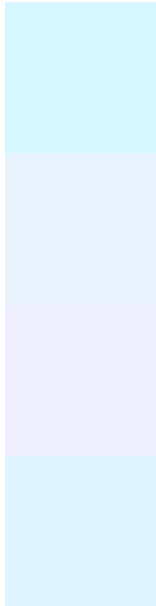
87.7075, 0.3130, 0.3097



Tritanopia

87.6521, 0.2956, 0.3168

Trichromacy



Original Color

88.0377, 0.2879, 0.3207

Protanomaly

87.6883, 0.3004, 0.3189

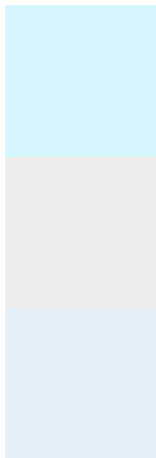
Deuteranomaly

87.3037, 0.3031, 0.3131

Tritanomaly

87.4510, 0.2926, 0.3178

Monochromacy



Original Color

88.0377, 0.2879, 0.3207

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.1003, 0.3032, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0377, 0.2879, 0.3207 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(214, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 247, 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(214, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 247, 255) }
```

Border

The CSS property to change the border of an element to Yxy 88.0377, 0.2879, 0.3207 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(214, 247, 255) }
```

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

```
.border{ border-color:rgb(214, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 247,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0377, 0.2879, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 247, 255) }
```

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

```
.background{ background-color: rgb(214,  
247, 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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