

Converting Colors

$Yxy(88.9770, 0.2798, 0.3257)$

Have a look what the booklet for
Yxy(88.9770, 0.2798, 0.3257)
contains.

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Color

Yxy(88.9829, 0.2797, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	C7FCFF
RGB	199, 252, 255
RGB Percent	78%, 99%, 100%
CMY	0.2200, 0.0117, 0.0000
CMYK	0.22, 0.01, 0.00, 0.00
HSL	183°, 100%, 89%
HSV	183°, 22%, 100%
XYZ	76.3920, 88.9829, 107.7463
YIQ	236.4950, -32.5510, -10.3030

Conversions

Conversions Part 2

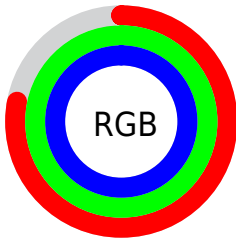
Format	Color
R_{YB}	199, 226, 255
Decimal	13106431
CIE _{Lab}	95.57, -16.04, -6.93
CIE _{LCh}	96, 17.475, 203.378
Yxy	88.9829, 0.2797, 0.3258
Android (android.graphics.Color)	4291296511 (0xFFC7FCFF)
YUV	236.4950, 9.1230, -32.8831
Hunter-Lab	94.3307, -20.5239, -1.6906

Details

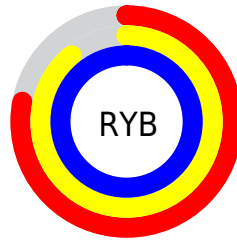
The Yxy color **88.9829, 0.2797, 0.3258** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.5534, 0.3571, 0.3322**, and the grayscale version is **84.2152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0367, 0.2730, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **84.9455, 0.2663, 0.3242**, and if you desaturate by 10%, it is **93.6179, 0.2942, 0.3273**.

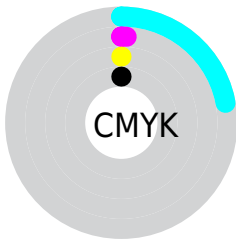
Distribution



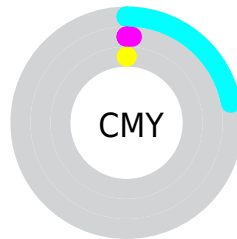
- Red (78%)
- Green (99%)
- Blue (100%)



- Red (78%)
- Yellow (89%)
- Blue (100%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)




- Cyan (22%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.9829, 0.2797, 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 88.9829, 0.2797, 0.3258 by changing the saturation by 10% instead.

 88.9829, 0.2797,
0.3258

 88.9829, 0.2797,
0.3258


524.7167, 0.2943,
0.3274

 67.1374, 0.2765,
0.3254


145.9248, 0.2846,
0.3264

 49.1963, 0.2727,
0.3249


181.7899, 0.2866,
0.3266

 34.7752, 0.2679,
0.3242


223.0971, 0.2883,
0.3268

 23.4898, 0.2618,
0.3233

270.2306, 0.2898,
0.3270

 14.9556, 0.2539,
0.3221

323.5750, 0.2911,
0.3271

 8.7882, 0.2431,
0.3202

383.5145, 0.2923,

 4.6033, 0.2275,

0.3272

0.3171

450.4336, 0.2933,
0.3273

■ 2.0164, 0.2031,
0.3113

■ 0.6170, 0.0983,
0.3114

■ 88.9829, 0.2797,
0.3258

■ 88.9829, 0.2797,
0.3258

■ 84.9455, 0.2663,
0.3242

■ 93.6179, 0.2942,
0.3273

■ 81.4655, 0.2542,
0.3225

■ 98.8665, 0.3096,
0.3287

■ 78.5151, 0.2438,
0.3207

■ 99.9993, 0.3127,
0.3290

■ 76.0594, 0.2353,
0.3189

■ 74.0594, 0.2287,
0.3171

■ 72.4702, 0.2241,
0.3153

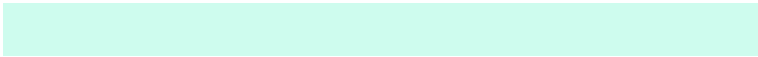
■ 71.2376, 0.2213,
0.3135

■ 70.4430, 0.2200,
0.3121

Harmonies

Analogous

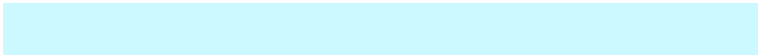
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9829, 0.2929, 0.3441



88.9829, 0.2797, 0.3258



88.9829, 0.2751, 0.3091

Triad

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



88.9829, 0.2797, 0.3258



88.9829, 0.3129, 0.3020



88.9829, 0.3459, 0.3594

Complementary

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



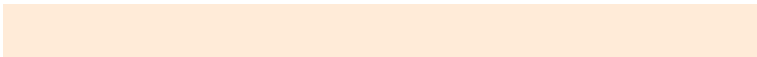
88.9829, 0.2797, 0.3258



67.5534, 0.3571, 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.



88.9829, 0.3518, 0.3471



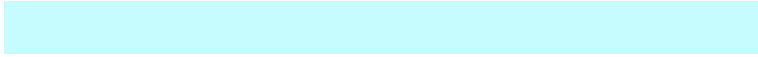
88.9829, 0.2797, 0.3258



88.9829, 0.3324, 0.3144

Square

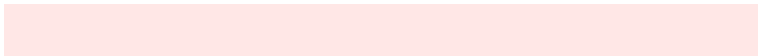
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.9829, 0.2797, 0.3258



88.9829, 0.2938, 0.2961



88.9829, 0.3468, 0.3307



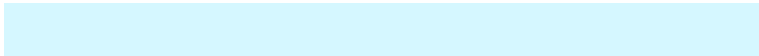
88.9829, 0.3311, 0.3638

Rectangle

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



88.9829, 0.2797, 0.3258



88.9829, 0.2775, 0.3012



88.9829, 0.3468, 0.3307



88.9829, 0.3490, 0.3560

Sweetspot

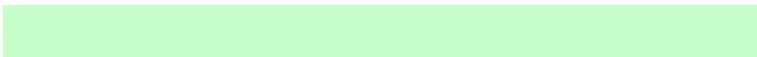
The Sweet Spot groups the original color and five complimentary colors.



88.9865, 0.2797, 0.3258



96.1706, 0.3018, 0.3280



87.8921, 0.3083, 0.3876



20.5169, 0.3009, 0.3280



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

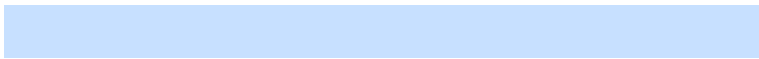
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9865, 0.2797, 0.3258



87.3076, 0.2742, 0.3252



72.7351, 0.2775, 0.2956



20.3074, 0.2980, 0.3277



36.8829, 0.2201, 0.3124



3.6395, 0.2207, 0.3144

Inverse Universe

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



69.0896, 0.3174, 0.2768



64.5229, 0.3183, 0.2672



81.8313, 0.3511, 0.3602



18.2828, 0.3146, 0.3068



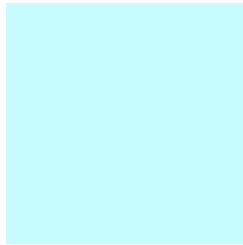
14.4513, 0.3346, 0.1617



1.4120, 0.3329, 0.1608

Previews

White Background



This preview shows how the Yxy color 88.9829, 0.2797, 0.3258 looks on a white background.

Color Contrast Check

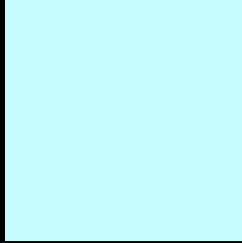
Large Text (above 18pt) WCAG AA × Fail

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 88.9829, 0.2797, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

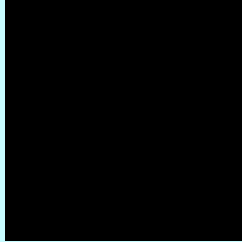
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.9829, 0.2797, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 88.9829, 0.2797, 0.3258.

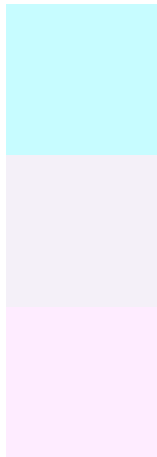


This preview shows how white text looks on a background with the Yxy color 88.9829, 0.2797, 0.3258.

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

88.9829, 0.2797, 0.3258

Protanopia

88.3306, 0.3105, 0.3211

Deuteranopia

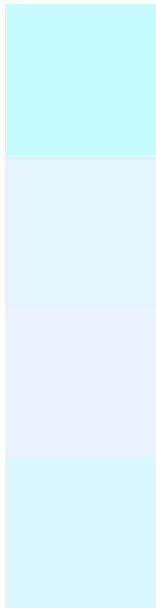
88.2817, 0.3129, 0.3107



Tritanopia

88.3721, 0.2938, 0.3188

Trichromacy



Original Color

88.9829, 0.2797, 0.3258

Protanomaly

88.1604, 0.2985, 0.3219

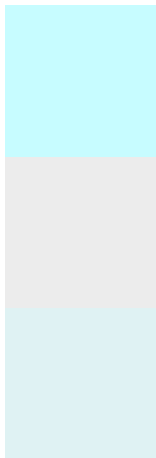
Deuteranomaly

88.2167, 0.2999, 0.3160

Tritanomaly

88.8019, 0.2886, 0.3218

Monochromacy



Original Color

88.9829, 0.2797, 0.3258

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

85.6633, 0.3000, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9829, 0.2797, 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(199, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 252, 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(199, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 252, 255) }
```

Border

The CSS property to change the border of an element to Yxy 88.9829, 0.2797, 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(199, 252, 255) }
```

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

```
.border{ border-color:rgb(199, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 252,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9829, 0.2797, 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(199, 252, 255) }
```

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

```
.background{ background-color: rgb(199,  
252, 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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