

Converting Colors

$Y_{xy}(125.5999, 0.2838, 0.3829)$

Have a look what the booklet for
Yxy(125.5999, 0.2838, 0.3829)
contains.

Yxy(89.8289, 0.2803, 0.3353)	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(89.8289, 0.2803, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	C2FFF9
RGB	194, 255, 249
RGB Percent	76%, 100%, 98%
CMY	0.2394, 0.0000, 0.0236
CMYK	0.24, 0.00, 0.02, 0.00
HSL	174°, 100%, 88%
HSV	174°, 24%, 100%
XYZ	75.0941, 89.8289, 102.9831
YIQ	236.0770, -34.4300, -14.7980

Conversions

Conversions Part 2

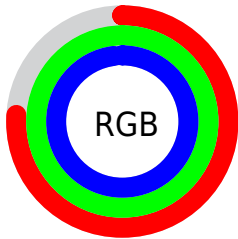
Format	Color
RYB	194, 226, 255
Decimal	12779513
CIELab	95.93, -20.21, -3.34
CIELCh	96, 20.483, 189.399
Yxy	89.8289, 0.2803, 0.3353
Android (android.graphics.Color)	4290969593 (0xFFC2FFF9)
YUV	236.0770, 6.3710, -36.9015
Hunter-Lab	94.7781, -24.4336, 1.9219

Details

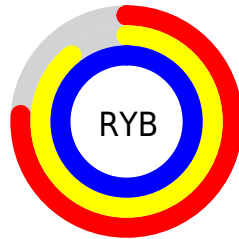
The Yxy color **89.8289, 0.2803, 0.3353** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.9907, 0.3580, 0.3229**, and the grayscale version is **83.8982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **49.7274, 0.2732, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **86.5766, 0.2685, 0.3383**, and if you desaturate by 10%, it is **93.6463, 0.2933, 0.3325**.

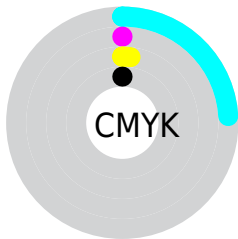
Distribution



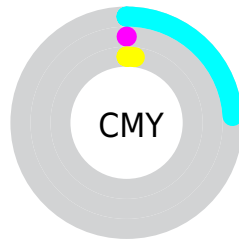
- Red (76%)
- Green (100%)
- Blue (98%)



- Red (76%)
- Yellow (89%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.8289, 0.2803, 0.3353 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 89.8289, 0.2803, 0.3353 by changing the saturation by 10% instead.

 89.8289, 0.2803,
0.3353

 89.8289, 0.2803,
0.3353

527.4741, 0.2946,
0.3326

 67.8387, 0.2772,
0.3359


 147.1007, 0.2852,
0.3344

 49.7666, 0.2734,
0.3365


183.1511, 0.2871,
0.3341

 35.2279, 0.2687,
0.3373


224.6571, 0.2888,
0.3338

 23.8385, 0.2627,
0.3383

272.0031, 0.2902,
0.3335

 15.2139, 0.2549,
0.3396

325.5733, 0.2915,
0.3332

 8.9696, 0.2441,
0.3412

385.7523, 0.2927,

 4.7214, 0.2286,

0.3330

0.3433

452.9245, 0.2937,
0.3328

■ 2.0847, 0.2042,
0.3460

■ 0.6560, 0.0751,
0.3782

■ 89.8289, 0.2803,
0.3353

■ 89.8289, 0.2803,
0.3353

■ 86.5766, 0.2685,
0.3383

■ 93.6463, 0.2933,
0.3325

■ 83.8836, 0.2581,
0.3414

■ 98.0800, 0.3071,
0.3299

■ 81.7098, 0.2493,
0.3447

■ 100.0000, 0.3127,
0.3290

■ 80.0197, 0.2425,
0.3481

■ 78.7733, 0.2376,
0.3516

■ 77.9242, 0.2346,
0.3550

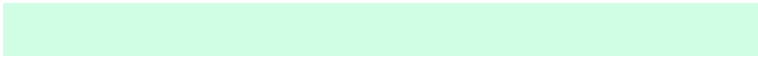
■ 77.4156, 0.2335,
0.3584

■ 77.2243, 0.2335,
0.3604

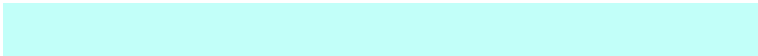
Harmonies

Analogous

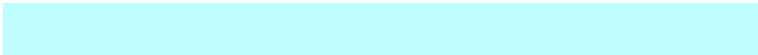
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.8289, 0.2992, 0.3555



89.8289, 0.2803, 0.3353



89.8289, 0.2701, 0.3141

Triad

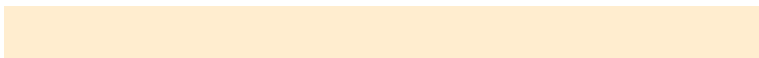
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.8289, 0.2803, 0.3353



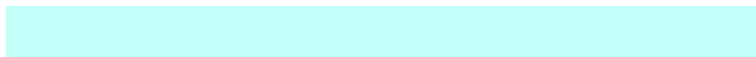
89.8289, 0.3020, 0.2934



89.8289, 0.3563, 0.3585

Complementary

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



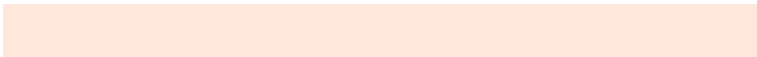
89.8289, 0.2803, 0.3353



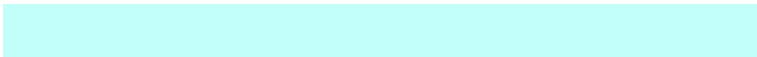
63.9907, 0.3580, 0.3229

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.



89.8289, 0.3573, 0.3413



89.8289, 0.2803, 0.3353



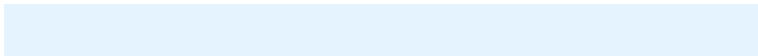
89.8289, 0.3253, 0.3045

Square

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



89.8289, 0.2803, 0.3353



89.8289, 0.2822, 0.2908



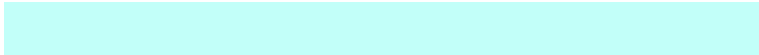
89.8289, 0.3459, 0.3217



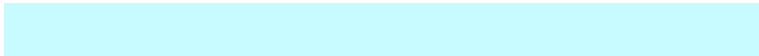
89.8289, 0.3432, 0.3687

Rectangle

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



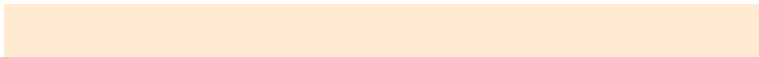
89.8289, 0.2803, 0.3353



89.8289, 0.2693, 0.3025



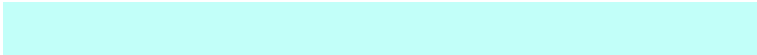
89.8289, 0.3459, 0.3217



89.8289, 0.3581, 0.3533

Sweetspot

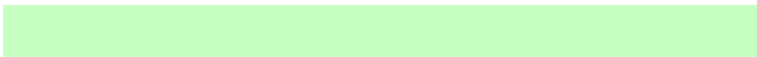
The Sweet Spot groups the original color and five complimentary colors.



89.8210, 0.2803, 0.3353



96.6574, 0.3028, 0.3307



87.6999, 0.3133, 0.3963



20.6301, 0.3020, 0.3309



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

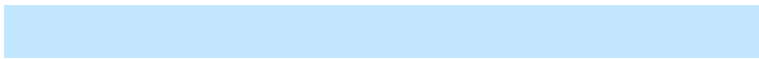
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.8210, 0.2803, 0.3353



88.1088, 0.2742, 0.3368



75.6001, 0.2751, 0.3025



20.4488, 0.2993, 0.3313



40.3640, 0.2333, 0.3599



3.9387, 0.2322, 0.3560

Inverse Universe

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



63.9907, 0.3580, 0.3229



57.9739, 0.3710, 0.3215



75.4881, 0.3571, 0.3541



18.0162, 0.3279, 0.3267



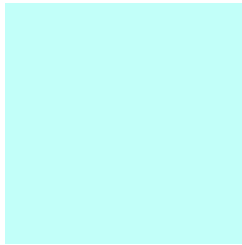
11.1554, 0.6290, 0.3239



1.0954, 0.6080, 0.3123

Previews

White Background



This preview shows how the Yxy color 89.8289, 0.2803, 0.3353 looks on a white background.

Color Contrast Check

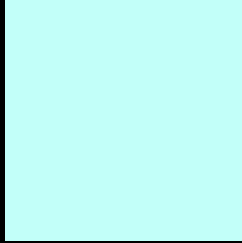
Large Text (above 18pt) WCAG AA × Fail

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 89.8289, 0.2803, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

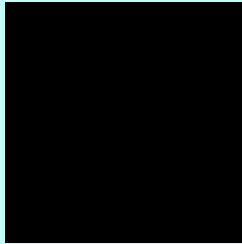
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.8289, 0.2803, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 89.8289, 0.2803, 0.3353.

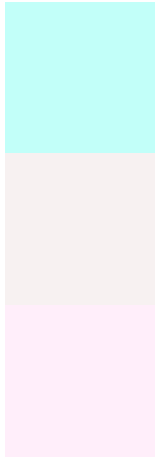


This preview shows how white text looks on a background with the Yxy color 89.8289, 0.2803, 0.3353.

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

89.8289, 0.2803, 0.3353

Protanopia

89.0356, 0.3167, 0.3290

Deuteranopia

89.3112, 0.3166, 0.3174



Tritanopia

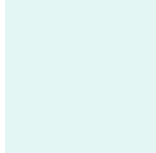
89.3003, 0.2950, 0.3199

Trichromacy



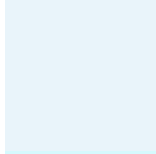
Original Color

89.8289, 0.2803, 0.3353



Protanomaly

88.9372, 0.3025, 0.3310



Deuteranomaly

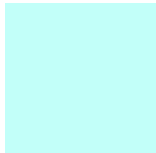
88.9271, 0.3022, 0.3229



Tritanomaly

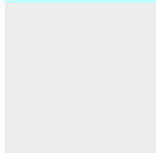
89.1394, 0.2891, 0.3248

Monochromacy



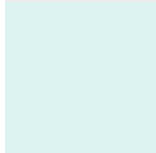
Original Color

89.8289, 0.2803, 0.3353



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.8242, 0.2999, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.8289, 0.2803, 0.3353 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(194, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 249)  
}
```

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(194, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 249) }
```

Border

The CSS property to change the border of an element to Yxy 89.8289, 0.2803, 0.3353 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(194, 255, 249) }
```

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

```
.border{ border-color:rgb(194, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 89.8289, 0.2803, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 249) }
```

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

```
.background{ background-color: rgb(194,  
255, 249) }
```

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