

Converting Colors

$Yxy(89.1176, 0.2797, 0.3330)$

Have a look what the booklet for
Yxy(89.1176, 0.2797, 0.3330)
contains.

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Color

Yxy(89.2551, 0.2797, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	C2FEFA
RGB	194, 254, 250
RGB Percent	76%, 100%, 98%
CMY	0.2393, 0.0039, 0.0195
CMYK	0.24, 0.00, 0.02, 0.00
HSL	176°, 97%, 88%
HSV	176°, 24%, 100%
XYZ	74.9464, 89.2551, 103.7514
YIQ	235.6040, -34.4760, -13.9640

Conversions

Conversions Part 2

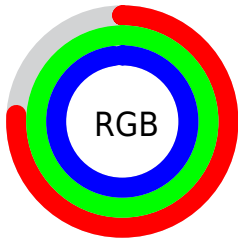
Format	Color
RYB	194, 225, 254
Decimal	12779258
CIELab	95.69, -19.48, -4.24
CIElCh	96, 19.938, 192.289
Yxy	89.2551, 0.2797, 0.3331
Android (android.graphics.Color)	4290969338 (0xFFC2FEFA)
YUV	235.6040, 7.0972, -36.4867
Hunter-Lab	94.4749, -23.7281, 1.0208

Details

The Yxy color **89.2551, 0.2797, 0.3331** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.7232, 0.3588, 0.3250**, and the grayscale version is **83.5282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **49.3165, 0.2725, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **86.0757, 0.2675, 0.3351**, and if you desaturate by 10%, it is **93.0171, 0.2931, 0.3313**.

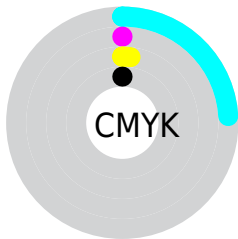
Distribution



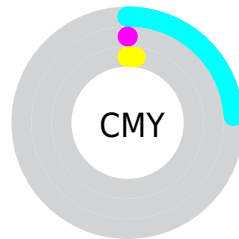
- Red (76%)
- Green (100%)
- Blue (98%)



- Red (76%)
- Yellow (88%)
- 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 89.2551, 0.2797, 0.3331 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 89.2551, 0.2797, 0.3331 by changing the saturation by 10% instead.


 89.2551, 0.2797,
0.3331

 89.2551, 0.2797,
0.3331

525.6047, 0.2943,
0.3314

 67.3630, 0.2765,
0.3334


 146.3033, 0.2846,
0.3326

 49.3797, 0.2726,
0.3338


182.2281, 0.2866,
0.3323

 34.9208, 0.2678,
0.3343


223.5993, 0.2883,
0.3321

 23.6018, 0.2618,
0.3348

270.8013, 0.2898,
0.3320

 15.0385, 0.2538,
0.3355

324.2184, 0.2911,
0.3318

 8.8464, 0.2429,
0.3362

384.2351, 0.2923,

 4.6412, 0.2270,

0.3317

0.3370

451.2358, 0.2934,
0.3316

■ 2.0383, 0.2022,
0.3376

■ 0.6296, 0.0708,
0.3629

■ 89.2551, 0.2797,
0.3331

■ 89.2551, 0.2797,
0.3331

■ 86.0757, 0.2675,
0.3351

■ 93.0171, 0.2931,
0.3313


■ 83.4387, 0.2568,
0.3372


■ 97.3779, 0.3074,
0.3296


■ 81.3161, 0.2477,
0.3393


■ 99.3669, 0.3128,
0.3281

■ 79.6728, 0.2406,
0.3415

 78.4692, 0.2354,
0.3438

 77.6598, 0.2322,
0.3460

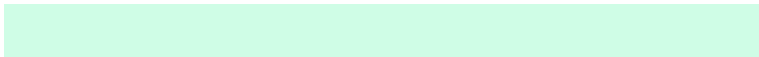
 77.1889, 0.2307,
0.3483

 77.0144, 0.2305,
0.3497

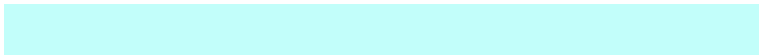
Harmonies

Analogous

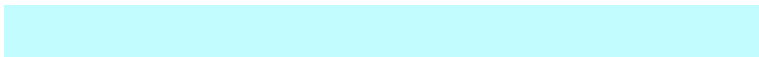
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.2551, 0.2975, 0.3532



89.2551, 0.2797, 0.3331



89.2551, 0.2707, 0.3127

Triad

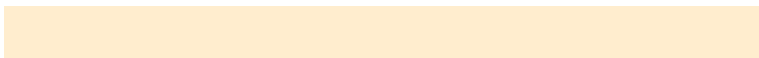
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2551, 0.2797, 0.3331



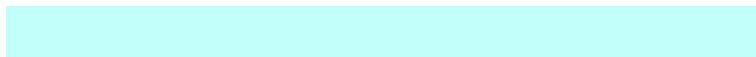
89.2551, 0.3044, 0.2949



89.2551, 0.3544, 0.3592

Complementary

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



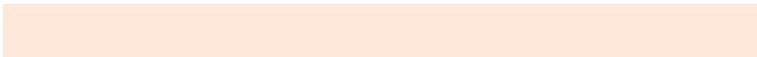
89.2551, 0.2797, 0.3331



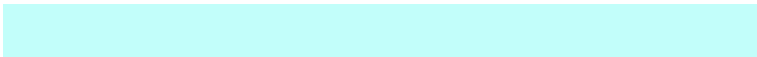
63.7232, 0.3588, 0.3250

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.



89.2551, 0.3567, 0.3428



89.2551, 0.2797, 0.3331



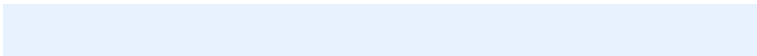
89.2551, 0.3272, 0.3065

Square

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



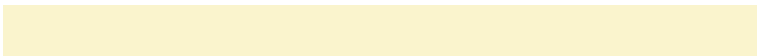
89.2551, 0.2797, 0.3331



89.2551, 0.2845, 0.2916



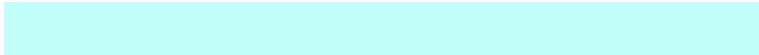
89.2551, 0.3466, 0.3237



89.2551, 0.3408, 0.3682

Rectangle

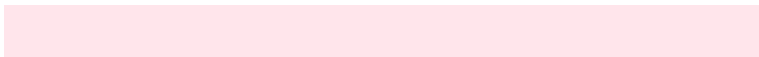
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.2551, 0.2797, 0.3331



89.2551, 0.2706, 0.3018



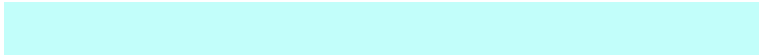
89.2551, 0.3466, 0.3237



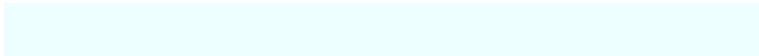
89.2551, 0.3566, 0.3543

Sweetspot

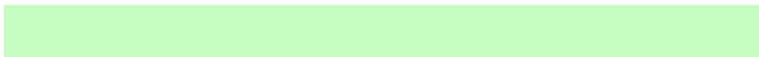
The Sweet Spot groups the original color and five complimentary colors.



89.2587, 0.2797, 0.3331



96.6946, 0.3025, 0.3301



86.7850, 0.3120, 0.3955



20.6387, 0.3016, 0.3302



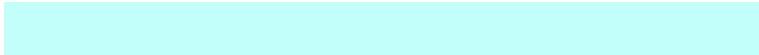
0.0000, 0.0000, 0.0000



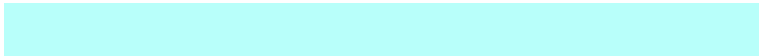
21.4041, 0.3127, 0.3290

Same Dimension

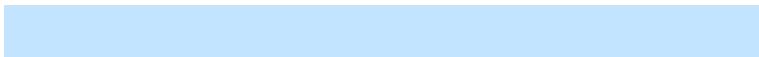
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2587, 0.2797, 0.3331



88.5809, 0.2742, 0.3340



74.1079, 0.2754, 0.3007



20.4595, 0.2989, 0.3305



40.6098, 0.2304, 0.3493



3.9600, 0.2297, 0.3468

Inverse Universe

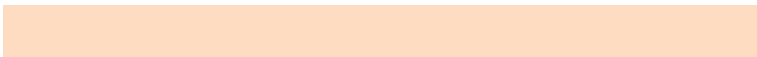
The Inverse Universe completely reimagines the original color for something new.



63.7232, 0.3588, 0.3250



59.0196, 0.3703, 0.3242



76.1490, 0.3560, 0.3557



18.0065, 0.3284, 0.3275



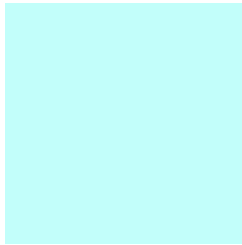
11.1369, 0.6333, 0.3263



1.0909, 0.6181, 0.3179

Previews

White Background



This preview shows how the Yxy color 89.2551, 0.2797, 0.3331 looks on a white background.

Color Contrast Check

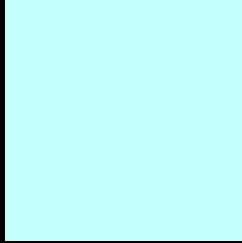
Large Text (above 18pt) WCAG AA × Fail

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 89.2551, 0.2797, 0.3331 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 89.2551, 0.2797, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 89.2551, 0.2797, 0.3331.

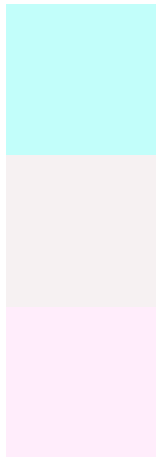


This preview shows how white text looks on a background with the Yxy color 89.2551, 0.2797, 0.3331.

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

89.2551, 0.2797, 0.3331

Protanopia

88.9142, 0.3154, 0.3280

Deuteranopia

88.7934, 0.3160, 0.3155



Tritanopia

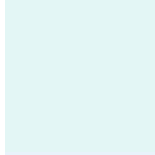
88.9788, 0.2938, 0.3198

Trichromacy



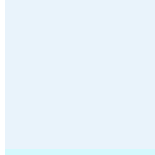
Original Color

89.2551, 0.2797, 0.3331



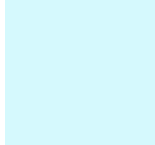
Protanomaly

88.8350, 0.3013, 0.3300



Deuteranomaly

88.3899, 0.3016, 0.3209



Tritanomaly

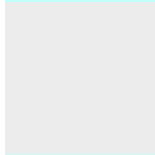
88.9893, 0.2885, 0.3248

Monochromacy



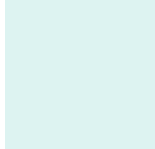
Original Color

89.2551, 0.2797, 0.3331



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 89.2551, 0.2797, 0.3331 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, 254, 250)` looks like.

```
.text, #text, p{  
    color:rgb(194, 254, 250)  
}
```

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, 254, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 254, 250) }
```

Border

The CSS property to change the border of an element to Yxy 89.2551, 0.2797, 0.3331 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, 254, 250) }
```

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

```
.border{ border-color:rgb(194, 254, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 254, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 254, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 254, 250);  
box-shadow:4px 4px 4px 4px rgb(194, 254,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 89.2551, 0.2797, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 254, 250) }
```

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

```
.background{ background-color: rgb(194,  
254, 250) }
```

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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