

Converting Colors

$Yxy(89.8325, 0.2800, 0.3347)$

Have a look what the booklet for
Yxy(89.8325, 0.2800, 0.3347)
contains.

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Color

Yxy(89.8915, 0.2798, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	C2FFFA
RGB	194, 255, 250
RGB Percent	76%, 100%, 98%
CMY	0.2393, 0.0000, 0.0196
CMYK	0.24, 0.00, 0.02, 0.00
HSL	175°, 100%, 88%
HSV	175°, 24%, 100%
XYZ	75.2593, 89.8915, 103.8244
YIQ	236.1910, -34.7510, -14.4870

Conversions

Conversions Part 2

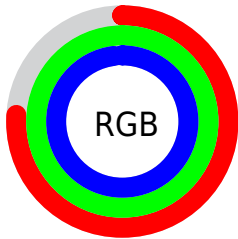
Format	Color
RYB	194, 226, 255
Decimal	12779514
CIELab	95.95, -19.98, -3.83
CIElCh	96, 20.345, 190.860
Yxy	89.8915, 0.2798, 0.3342
Android (android.graphics.Color)	4290969594 (0xFFC2FFFA)
YUV	236.1910, 6.8078, -37.0015
Hunter-Lab	94.8111, -24.2296, 1.4413

Details

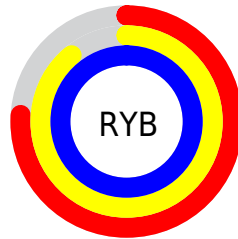
The Yxy color **89.8915, 0.2798, 0.3342** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.9585, 0.3588, 0.3240**, and the grayscale version is **83.9964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **49.7722, 0.2726, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **86.6696, 0.2678, 0.3367**, and if you desaturate by 10%, it is **93.6889, 0.2930, 0.3319**.

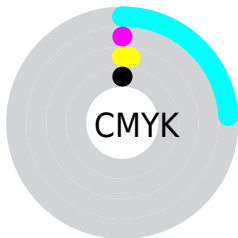
Distribution



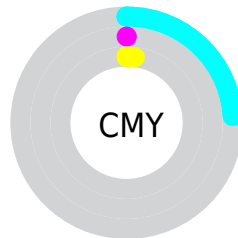
- Red (76%)
- Green (100%)
- Blue (98%)



- 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 89.8915, 0.2798, 0.3342 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 89.8915, 0.2798, 0.3342 by changing the saturation by 10% instead.


 89.8915, 0.2798,
0.3342

 89.8915, 0.2798,
0.3342


527.6778, 0.2944,
0.3320

 67.8907, 0.2766,
0.3346

 147.1877, 0.2847,
0.3335

 49.8088, 0.2728,
0.3352


183.2518, 0.2867,
0.3332

 35.2615, 0.2680,
0.3358


224.7725, 0.2884,
0.3330

 23.8644, 0.2620,
0.3366

272.1341, 0.2899,
0.3327

 15.2330, 0.2540,
0.3375

325.7210, 0.2912,
0.3325

 8.9831, 0.2432,
0.3387


385.9177, 0.2924,


 4.7302, 0.2275,


0.3323


0.3401


453.1085, 0.2934,
0.3322


 2.0898, 0.2030,
0.3417


 0.6589, 0.0777,
0.3696


 89.8915, 0.2798,
0.3342


 89.8915, 0.2798,
0.3342


 86.6696, 0.2678,
0.3367


 93.6889, 0.2930,
0.3319


 84.0008, 0.2572,
0.3393

 98.0966, 0.3070,
0.3298


 81.8506, 0.2484,
0.3420


 100.0000, 0.3127,
0.3290

 80.1835, 0.2414,
0.3448

 78.9596, 0.2364,
0.3476

 78.1324, 0.2333,
0.3504

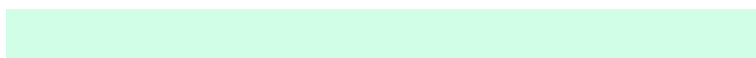
 77.6452, 0.2321,
0.3532

 77.4663, 0.2319,
0.3549

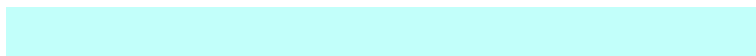
Harmonies

Analogous

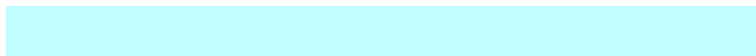
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.8915, 0.2982, 0.3545



89.8915, 0.2798, 0.3342



89.8915, 0.2701, 0.3132

Triad

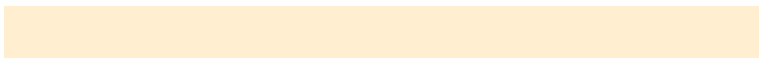
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.8915, 0.2798, 0.3342



89.8915, 0.3032, 0.2940



89.8915, 0.3556, 0.3590

Complementary

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



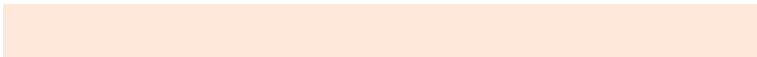
89.8915, 0.2798, 0.3342



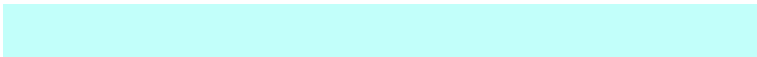
63.9585, 0.3588, 0.3240

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.



89.8915, 0.3573, 0.3421



89.8915, 0.2798, 0.3342



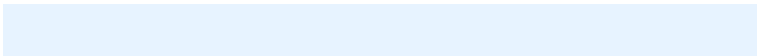
89.8915, 0.3264, 0.3054

Square

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



89.8915, 0.2798, 0.3342



89.8915, 0.2832, 0.2910



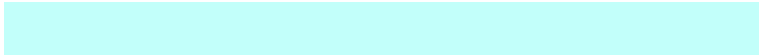
89.8915, 0.3464, 0.3227



89.8915, 0.3421, 0.3687

Rectangle

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



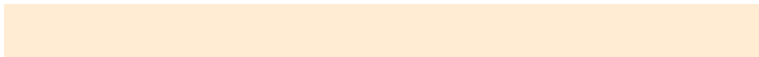
89.8915, 0.2798, 0.3342



89.8915, 0.2697, 0.3020



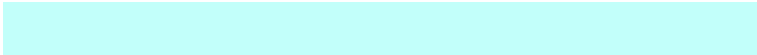
89.8915, 0.3464, 0.3227



89.8915, 0.3576, 0.3540

Sweetspot

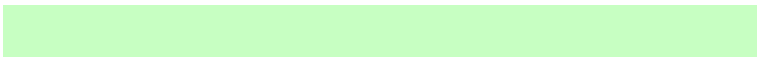
The Sweet Spot groups the original color and five complimentary colors.



89.8891, 0.2798, 0.3342



96.6765, 0.3026, 0.3304



87.5656, 0.3126, 0.3964



20.6345, 0.3018, 0.3305



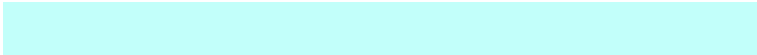
0.0000, 0.0000, 0.0000



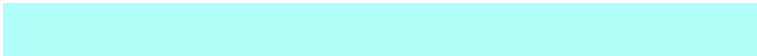
21.4041, 0.3127, 0.3290

Same Dimension

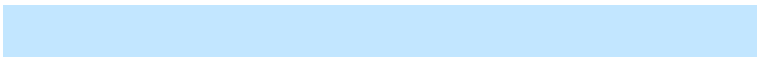
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.8891, 0.2798, 0.3342



88.1856, 0.2735, 0.3354



75.0450, 0.2750, 0.3014



20.4543, 0.2991, 0.3309



40.4885, 0.2318, 0.3544



3.9495, 0.2309, 0.3512

Inverse Universe

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



63.9585, 0.3588, 0.3240



57.9207, 0.3721, 0.3228



76.0296, 0.3569, 0.3551



18.0112, 0.3281, 0.3271



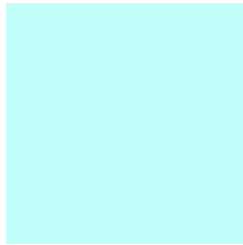
11.1453, 0.6314, 0.3252



1.0931, 0.6131, 0.3151

Previews

White Background



This preview shows how the Yxy color 89.8915, 0.2798, 0.3342 looks on a white background.

Color Contrast Check

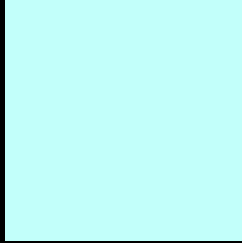
Large Text (above 18pt) WCAG AA × Fail

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 89.8915, 0.2798, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

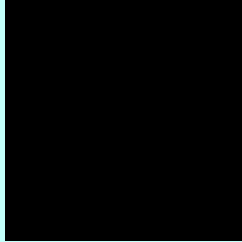
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.8915, 0.2798, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 89.8915, 0.2798, 0.3342.

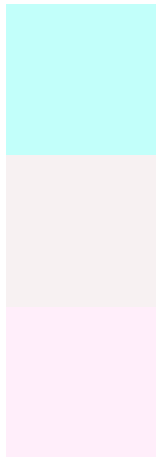


This preview shows how white text looks on a background with the Yxy color 89.8915, 0.2798, 0.3342.

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

89.8915, 0.2798, 0.3342

Protanopia

89.0956, 0.3160, 0.3280

Deuteranopia

89.3112, 0.3166, 0.3174



Tritanopia

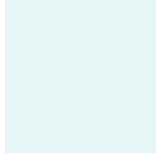
89.3003, 0.2950, 0.3199

Trichromacy



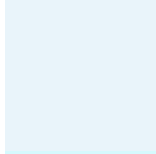
Original Color

89.8915, 0.2798, 0.3342



Protanomaly

88.9981, 0.3019, 0.3300



Deuteranomaly

88.9271, 0.3022, 0.3229



Tritanomaly

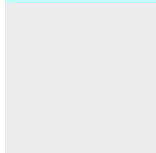
89.1394, 0.2891, 0.3248

Monochromacy



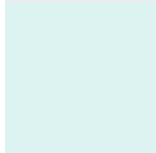
Original Color

89.8915, 0.2798, 0.3342



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 89.8915, 0.2798, 0.3342 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 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, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 250) }
```

Border

The CSS property to change the border of an element to Yxy 89.8915, 0.2798, 0.3342 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, 250) }
```

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

```
.border{ border-color:rgb(194, 255, 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, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 89.8915, 0.2798, 0.3342 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, 250) }
```

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

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