

Converting Colors

$Yxy(89.0223, 0.2868, 0.3493)$

Have a look what the booklet for
Yxy(89.0223, 0.2868, 0.3493)
contains.

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Color

Yxy(89.0455, 0.2870, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	C2FFEC
RGB	194, 255, 236
RGB Percent	76%, 100%, 93%
CMY	0.2392, 0.0000, 0.0746
CMYK	0.24, 0.00, 0.07, 0.00
HSL	161°, 100%, 88%
HSV	161°, 24%, 100%
XYZ	73.1427, 89.0455, 92.6644
YIQ	234.5950, -30.2570, -18.8410

Conversions

Conversions Part 2

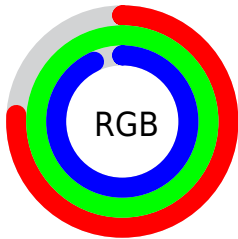
Format	Color
RYB	194, 230, 255
Decimal	12779500
CIELab	95.60, -22.84, 2.88
CIELCh	96, 23.021, 172.810
Yxy	89.0455, 0.2870, 0.3494
Android (android.graphics.Color)	4290969580 (0xFFC2FFEC)
YUV	234.5950, 0.6927, -35.6018
Hunter-Lab	94.3639, -26.7792, 7.8326

Details

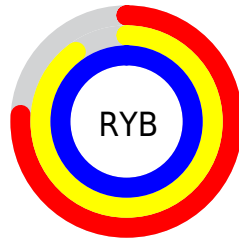
The Yxy color **89.0455, 0.2870, 0.3494** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.6453, 0.3474, 0.3096**, and the grayscale version is **82.7605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **49.1724, 0.2814, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **85.5012, 0.2774, 0.3593**, and if you desaturate by 10%, it is **93.1835, 0.2974, 0.3403**.

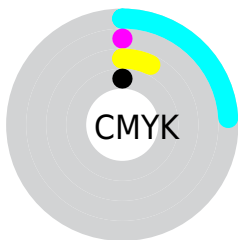
Distribution



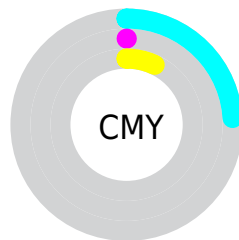
- Red (76%)
- Green (100%)
- Blue (93%)



- Red (76%)
- Yellow (90%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.0455, 0.2870, 0.3494 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 89.0455, 0.2870, 0.3494 by changing the saturation by 10% instead.

 89.0455, 0.2870,
0.3494

 89.0455, 0.2870,
0.3494

524.9210, 0.2985,
0.3402

 67.1893, 0.2845,
0.3515


 146.0118, 0.2909,
0.3462

 49.2384, 0.2814,
0.3540


181.8907, 0.2925,
0.3450

 34.8087, 0.2775,
0.3571


223.2126, 0.2938,
0.3439

 23.5155, 0.2725,
0.3611

270.3619, 0.2950,
0.3430

 14.9746, 0.2660,
0.3665

323.7230, 0.2960,
0.3422

 8.8016, 0.2569,
0.3741

383.6803, 0.2969,

 4.6120, 0.2434,

0.3414

0.3855

450.6181, 0.2978,
0.3408

■ 2.0215, 0.2216,
0.4044

■ 0.6199, 0.0281,
0.5510

■ 89.0455, 0.2870,
0.3494

■ 89.0455, 0.2870,
0.3494

■ 85.5012, 0.2774,
0.3593

■ 93.1835, 0.2974,
0.3403


■ 82.5294, 0.2690,
0.3700


■ 97.9516, 0.3083,
0.3320


■ 80.0949, 0.2621,
0.3813


■ 100.0000, 0.3127,
0.3290

■ 78.1618, 0.2569,
0.3930

 76.6899, 0.2537,
0.4051

 75.6325, 0.2525,
0.4171

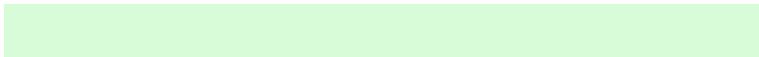
 74.9328, 0.2533,
0.4291

 74.6331, 0.2545,
0.4363

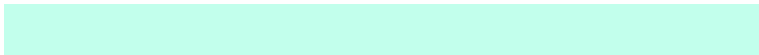
Harmonies

Analogous

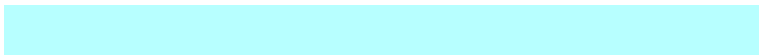
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0455, 0.3115, 0.3683



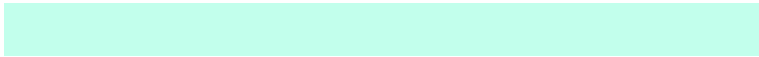
89.0455, 0.2870, 0.3494



89.0455, 0.2697, 0.3249

Triad

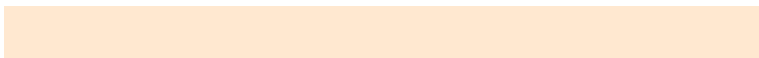
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.0455, 0.2870, 0.3494



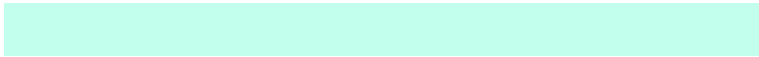
89.0455, 0.2874, 0.2862



89.0455, 0.3644, 0.3519

Complementary

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



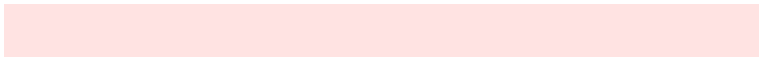
89.0455, 0.2870, 0.3494



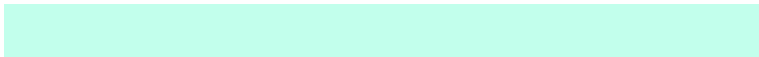
64.6453, 0.3474, 0.3096

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.



89.0455, 0.3575, 0.3305



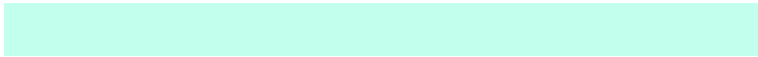
89.0455, 0.2870, 0.3494



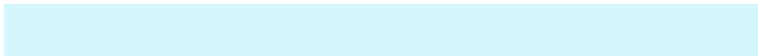
89.0455, 0.3122, 0.2936

Square

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



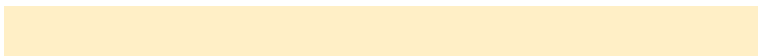
89.0455, 0.2870, 0.3494



89.0455, 0.2700, 0.2892



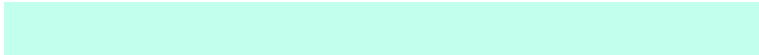
89.0455, 0.3381, 0.3095



89.0455, 0.3567, 0.3686

Rectangle

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



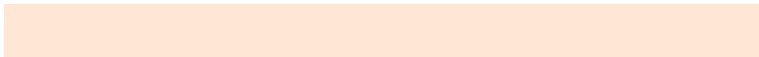
89.0455, 0.2870, 0.3494



89.0455, 0.2643, 0.3096



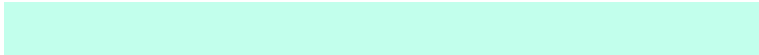
89.0455, 0.3381, 0.3095



89.0455, 0.3637, 0.3450

Sweetspot

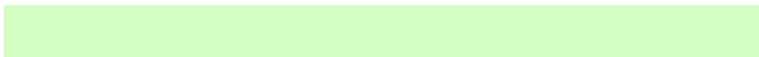
The Sweet Spot groups the original color and five complimentary colors.



89.0426, 0.2870, 0.3494



96.4169, 0.3049, 0.3345



89.6074, 0.3215, 0.3945



20.5742, 0.3043, 0.3350



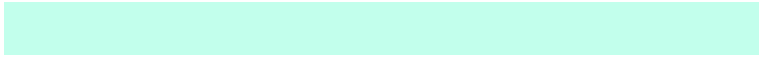
0.0000, 0.0000, 0.0000



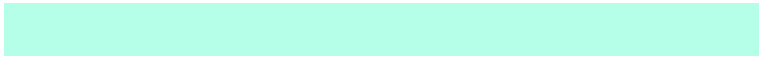
21.4041, 0.3127, 0.3290

Same Dimension

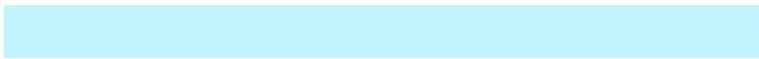
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.0426, 0.2870, 0.3494



87.1721, 0.2820, 0.3543



83.2785, 0.2763, 0.3170



20.3793, 0.3022, 0.3365



39.0255, 0.2540, 0.4343



3.8195, 0.2502, 0.4207

Inverse Universe

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



64.6453, 0.3474, 0.3096



58.6934, 0.3572, 0.3052



68.9020, 0.3602, 0.3407



18.0804, 0.3245, 0.3216



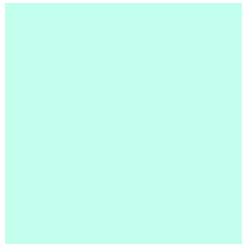
11.4315, 0.5726, 0.2928



1.1317, 0.5406, 0.2752

Previews

White Background



This preview shows how the Yxy color 89.0455, 0.2870, 0.3494 looks on a white background.

Color Contrast Check

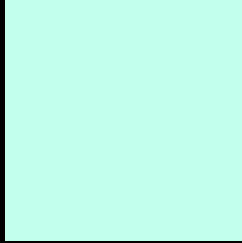
Large Text (above 18pt) WCAG AA × Fail

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 89.0455, 0.2870, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

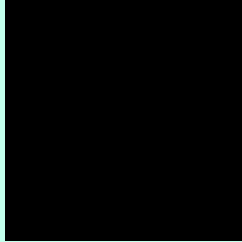
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.0455, 0.2870, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 89.0455, 0.2870, 0.3494.

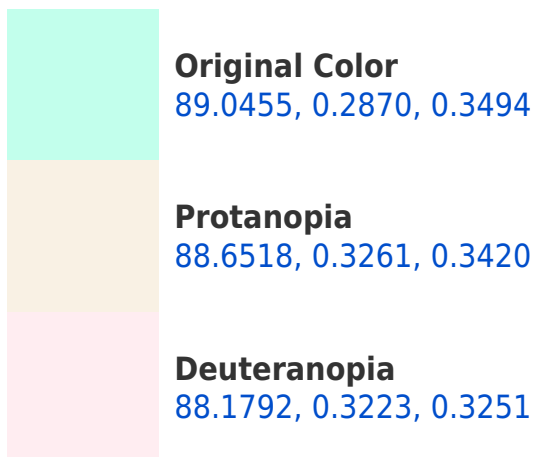


This preview shows how white text looks on a background with the Yxy color 89.0455, 0.2870, 0.3494.

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





Tritanopia

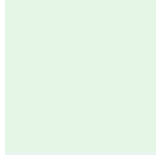
88.3721, 0.2938, 0.3188

Trichromacy



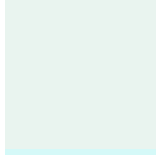
Original Color

89.0455, 0.2870, 0.3494



Protanomaly

88.3391, 0.3107, 0.3444



Deuteranomaly

88.2570, 0.3086, 0.3341



Tritanomaly

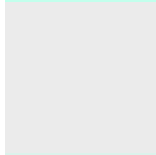
88.6748, 0.2912, 0.3300

Monochromacy



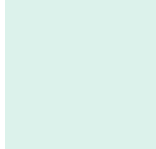
Original Color

89.0455, 0.2870, 0.3494



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

84.7181, 0.3027, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0455, 0.2870, 0.3494 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 236) }
```

Border

The CSS property to change the border of an element to Yxy 89.0455, 0.2870, 0.3494 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, 236) }
```

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

```
.border{ border-color:rgb(194, 255, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0455, 0.2870, 0.3494 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, 236) }
```

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

```
.background{ background-color: rgb(194,  
255, 236) }
```

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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