

Converting Colors

Yxy(95.6604, 0.2835, 0.3479)

Have a look what the booklet for
Yxy(95.6604, 0.2835, 0.3479)
contains.

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Color

Yxy(89.9096, 0.2829, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	C4FFF6
RGB	196, 255, 246
RGB Percent	77%, 100%, 96%
CMY	0.2317, 0.0000, 0.0354
CMYK	0.23, 0.00, 0.04, 0.00
HSL	171°, 100%, 88%
HSV	171°, 23%, 100%
XYZ	75.1416, 89.9096, 100.5606
YIQ	236.3330, -32.2750, -15.3070

Conversions

Conversions Part 2

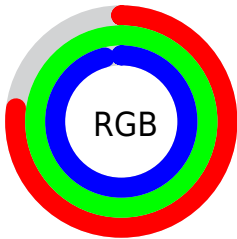
Format	Color
R_{YB}	196, 228, 255
Decimal	12910582
CIE _{Lab}	95.96, -20.25, -1.74
CIE _{LCh}	96, 20.329, 184.898
Yxy	89.9096, 0.2829, 0.3385
Android (android.graphics.Color)	4291100662 (0xFFC4FFF6)
YUV	236.3330, 4.7658, -35.3720
Hunter-Lab	94.8207, -24.4821, 3.4954

Details

The Yxy color **89.9096, 0.2829, 0.3385** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.1125, 0.3535, 0.3198**, and the grayscale version is **84.1098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **49.7686, 0.2764, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **86.5293, 0.2715, 0.3432**, and if you desaturate by 10%, it is **93.8533, 0.2953, 0.3341**.

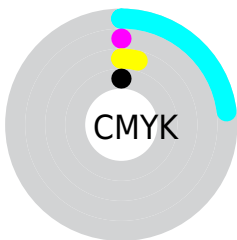
Distribution



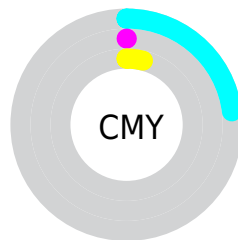
- Red (77%)
- Green (100%)
- Blue (96%)



- Red (77%)
- Yellow (89%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.9096, 0.2829, 0.3385 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 89.9096, 0.2829, 0.3385 by changing the saturation by 10% instead.


 89.9096, 0.2829,
0.3385

 89.9096, 0.2829,
0.3385


527.7367, 0.2961,
0.3344

 67.9057, 0.2800,
0.3394


147.2128, 0.2874,
0.3371

 49.8210, 0.2765,
0.3405


183.2809, 0.2892,
0.3365

 35.2712, 0.2721,
0.3418


224.8058, 0.2907,
0.3361

 23.8718, 0.2666,
0.3435

272.1720, 0.2920,
0.3356

 15.2386, 0.2593,
0.3457

325.7637, 0.2932,
0.3353

 8.9870, 0.2493,
0.3486

385.9655, 0.2943,

 4.7327, 0.2348,

0.3349

0.3528

453.1617, 0.2953,
0.3346

2.0913, 0.2118,
0.3591

0.6597, 0.0813,
0.4042

89.9096, 0.2829,
0.3385

89.9096, 0.2829,
0.3385

86.5293, 0.2715,
0.3432

93.8533, 0.2953,
0.3341

83.7169, 0.2615,
0.3481


98.4217, 0.3084,
0.3302

81.4292, 0.2531,
0.3533


100.0000, 0.3127,
0.3290

79.6310, 0.2465,
0.3587

 78.2825, 0.2418,
0.3642

 77.3381, 0.2391,
0.3697

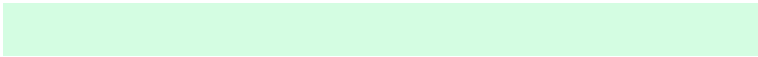
 76.7419, 0.2383,
0.3752

 76.4799, 0.2386,
0.3789

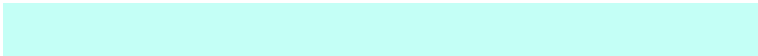
Harmonies

Analogous

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



89.9096, 0.3026, 0.3578



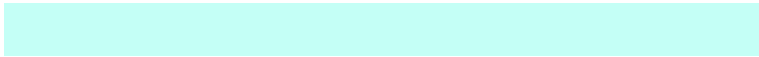
89.9096, 0.2829, 0.3385



89.9096, 0.2713, 0.3172

Triad

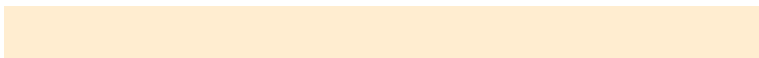
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9096, 0.2829, 0.3385



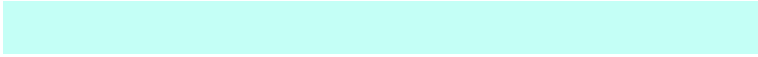
89.9096, 0.2988, 0.2927



89.9096, 0.3569, 0.3561

Complementary

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



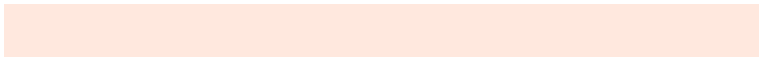
89.9096, 0.2829, 0.3385



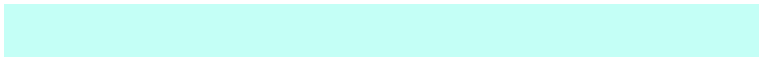
65.1125, 0.3535, 0.3198

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.



89.9096, 0.3560, 0.3383



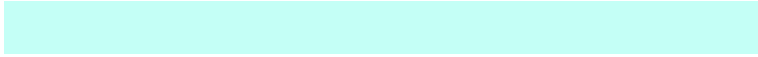
89.9096, 0.2829, 0.3385



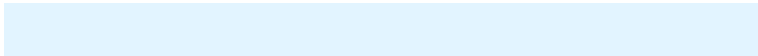
89.9096, 0.3218, 0.3026

Square

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



89.9096, 0.2829, 0.3385



89.9096, 0.2801, 0.2916



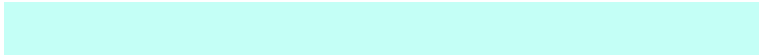
89.9096, 0.3430, 0.3190



89.9096, 0.3455, 0.3675

Rectangle

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



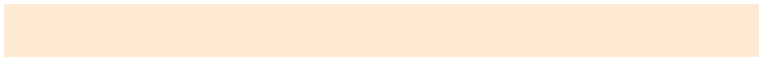
89.9096, 0.2829, 0.3385



89.9096, 0.2694, 0.3050



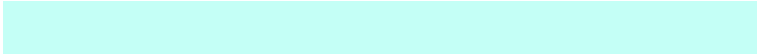
89.9096, 0.3430, 0.3190



89.9096, 0.3581, 0.3506

Sweetspot

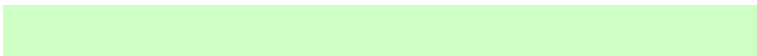
The Sweet Spot groups the original color and five complimentary colors.



89.8983, 0.2829, 0.3385



96.5959, 0.3033, 0.3317



88.5915, 0.3157, 0.3933



20.6158, 0.3025, 0.3319



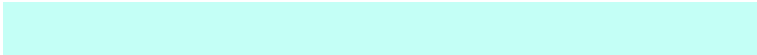
0.0000, 0.0000, 0.0000



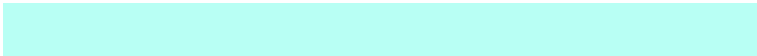
21.4041, 0.3127, 0.3290

Same Dimension

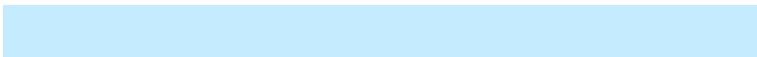
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.8983, 0.2829, 0.3385



88.1982, 0.2773, 0.3407



78.5398, 0.2766, 0.3078



20.4309, 0.3000, 0.3326



39.9804, 0.2383, 0.3780



3.9051, 0.2366, 0.3718

Inverse Universe

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



65.1125, 0.3535, 0.3198



59.2930, 0.3649, 0.3178



74.1585, 0.3563, 0.3493



18.0323, 0.3270, 0.3254



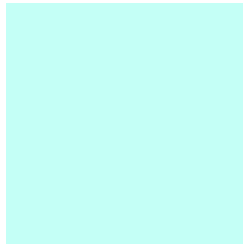
11.1986, 0.6192, 0.3185



1.1030, 0.5921, 0.3035

Previews

White Background



This preview shows how the Yxy color 89.9096, 0.2829, 0.3385 looks on a white background.

Color Contrast Check

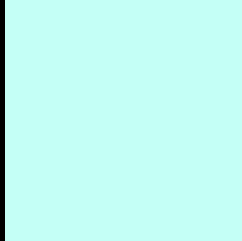
Large Text (above 18pt) WCAG AA × Fail

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 89.9096, 0.2829, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

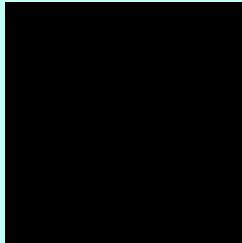
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.9096, 0.2829, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 89.9096, 0.2829, 0.3385.

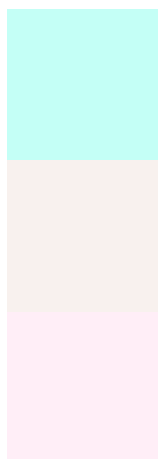


This preview shows how white text looks on a background with the Yxy color 89.9096, 0.2829, 0.3385.

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

89.9096, 0.2829, 0.3385

Protanopia

89.0401, 0.3192, 0.3320

Deuteranopia

89.1245, 0.3184, 0.3203



Tritanopia

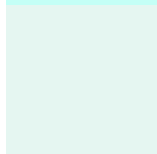
89.4624, 0.2957, 0.3199

Trichromacy



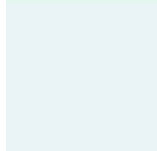
Original Color

89.9096, 0.2829, 0.3385



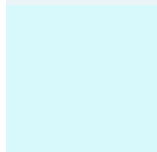
Protanomaly

88.9204, 0.3049, 0.3341



Deuteranomaly

88.9092, 0.3046, 0.3260



Tritanomaly

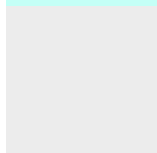
89.3786, 0.2908, 0.3259

Monochromacy



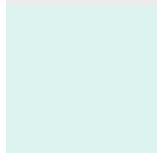
Original Color

89.9096, 0.2829, 0.3385



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.7646, 0.3005, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.9096, 0.2829, 0.3385 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(196, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 246)  
}
```

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(196, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 246) }
```

Border

The CSS property to change the border of an element to Yxy 89.9096, 0.2829, 0.3385 is called "border". The border property can be set on classes, ids or directly on the HTML element.

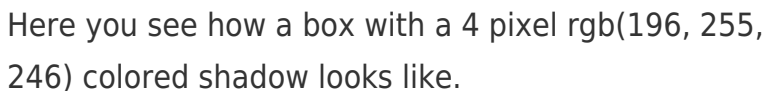
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 255, 246) }
```

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

```
.border{ border-color:rgb(196, 255, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 255, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 255, 246); box-shadow:4px 4px 4px 4px rgb(196, 255, 246) }
```


Background

The CSS property to change the background color of an element to Yxy 89.9096, 0.2829, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 255, 246) }
```

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

```
.background{ background-color: rgb(196,  
255, 246) }
```

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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