

Converting Colors

$Yxy(90.0831, 0.2852, 0.3406)$

Have a look what the booklet for
Yxy(90.0831, 0.2852, 0.3406)
contains.

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Color

Yxy(90.0574, 0.2851, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	C6FFF4
RGB	198, 255, 244
RGB Percent	78%, 100%, 96%
CMY	0.2233, 0.0000, 0.0433
CMYK	0.22, 0.00, 0.04, 0.00
HSL	168°, 100%, 89%
HSV	168°, 22%, 100%
XYZ	75.3828, 90.0574, 98.9680
YIQ	236.7030, -30.4410, -15.5050

Conversions

Conversions Part 2

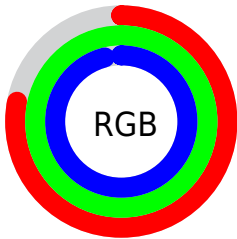
Format	Color
R _Y B	198, 230, 255
Decimal	13041652
CIE Lab	96.02, -20.02, -0.60
CIE LCh	96, 20.034, 181.705
Yxy	90.0574, 0.2851, 0.3406
Android (android.graphics.Color)	4291231732 (0xFFC6FFF4)
YUV	236.7030, 3.5974, -33.9425
Hunter-Lab	94.8986, -24.2809, 4.5966

Details

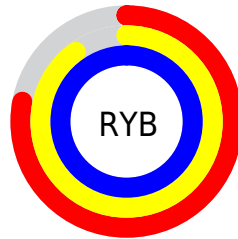
The Yxy color **90.0574, 0.2851, 0.3406** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.2788, 0.3498, 0.3178**, and the grayscale version is **84.4449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.8586, 0.2790, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **86.5855, 0.2741, 0.3466**, and if you desaturate by 10%, it is **94.1282, 0.2971, 0.3351**.

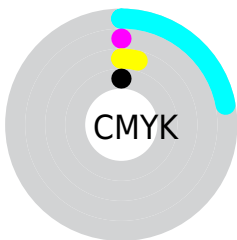
Distribution



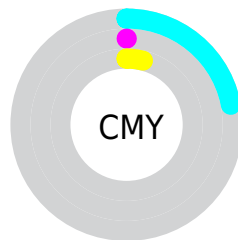
- Red (78%)
- Green (100%)
- Blue (96%)



- Red (78%)
- Yellow (90%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.0574, 0.2851, 0.3406 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 90.0574, 0.2851, 0.3406 by changing the saturation by 10% instead.

 90.0574, 0.2851,
0.3406

 90.0574, 0.2851,
0.3406

528.2176, 0.2974,
0.3355

 68.0283, 0.2824,
0.3417

147.4181, 0.2893,
0.3389

 49.9207, 0.2791,
0.3431


183.5185, 0.2909,
0.3382

 35.3504, 0.2751,
0.3448


225.0780, 0.2923,
0.3376

 23.9329, 0.2699,
0.3469

272.4812, 0.2936,
0.3371

 15.2839, 0.2631,
0.3497

326.1123, 0.2947,
0.3366

 9.0189, 0.2538,
0.3535

386.3558, 0.2957,

 4.7535, 0.2402,

0.3362

0.3591

453.5961, 0.2966,
0.3358

2.1034, 0.2185,
0.3679

0.6665, 0.0916,
0.4222

90.0574, 0.2851,
0.3406

90.0574, 0.2851,
0.3406

86.5855, 0.2741,
0.3466

94.1282, 0.2971,
0.3351


83.6720, 0.2643,
0.3529


98.8138, 0.3097,
0.3301


81.2889, 0.2561,
0.3596

99.9989, 0.3127,
0.3290

79.4013, 0.2496,
0.3666

 77.9699, 0.2451,
0.3737

 76.9494, 0.2426,
0.3808

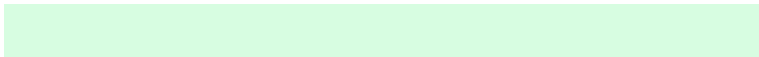
 76.2853, 0.2420,
0.3879

 75.9553, 0.2426,
0.3933

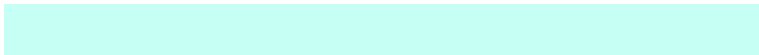
Harmonies

Analogous

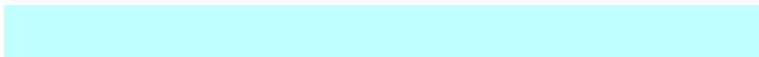
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.0574, 0.3051, 0.3589



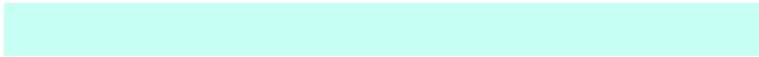
90.0574, 0.2851, 0.3406



90.0574, 0.2726, 0.3195

Triad

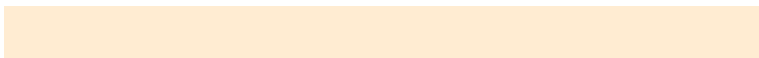
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.0574, 0.2851, 0.3406



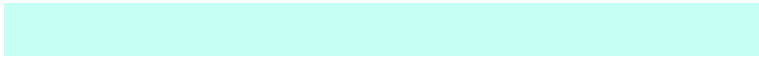
90.0574, 0.2967, 0.2926



90.0574, 0.3567, 0.3540

Complementary

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



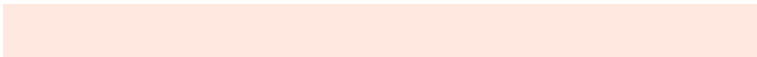
90.0574, 0.2851, 0.3406



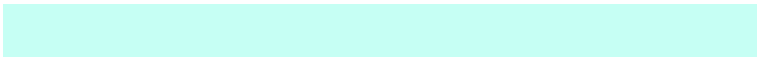
66.2788, 0.3498, 0.3178

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.



90.0574, 0.3545, 0.3361



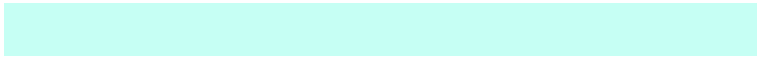
90.0574, 0.2851, 0.3406



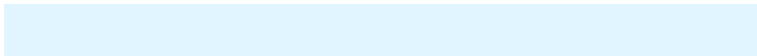
90.0574, 0.3192, 0.3016

Square

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



90.0574, 0.2851, 0.3406



90.0574, 0.2791, 0.2926



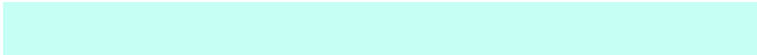
90.0574, 0.3406, 0.3172



90.0574, 0.3467, 0.3662

Rectangle

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



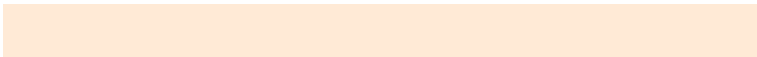
90.0574, 0.2851, 0.3406



90.0574, 0.2700, 0.3071



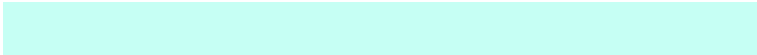
90.0574, 0.3406, 0.3172



90.0574, 0.3574, 0.3485

Sweetspot

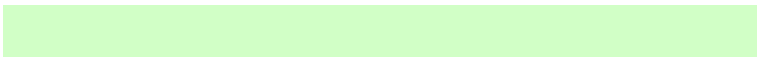
The Sweet Spot groups the original color and five complimentary colors.



90.0611, 0.2851, 0.3406



96.5496, 0.3037, 0.3324



89.2181, 0.3168, 0.3905



20.6050, 0.3030, 0.3327



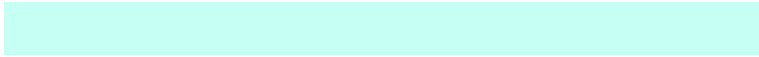
0.0000, 0.0000, 0.0000



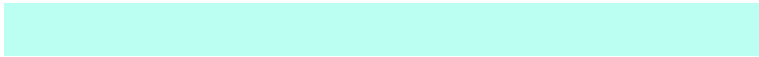
21.4041, 0.3127, 0.3290

Same Dimension

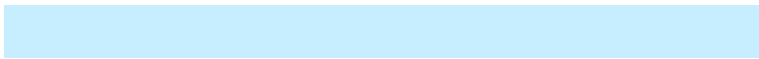
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.0611, 0.2851, 0.3406



88.3683, 0.2798, 0.3433



80.3316, 0.2781, 0.3107



20.4176, 0.3006, 0.3336



39.7103, 0.2423, 0.3921



3.8812, 0.2400, 0.3840

Inverse Universe

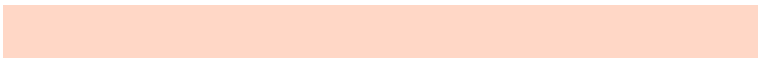
The Inverse Universe completely reimagines the original color for something new.



66.2788, 0.3498, 0.3178



60.5874, 0.3601, 0.3153



74.0090, 0.3549, 0.3466



18.0446, 0.3264, 0.3244



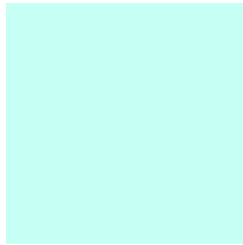
11.2427, 0.6096, 0.3132



1.1090, 0.5801, 0.2969

Previews

White Background



This preview shows how the Yxy color 90.0574, 0.2851, 0.3406 looks on a white background.

Color Contrast Check

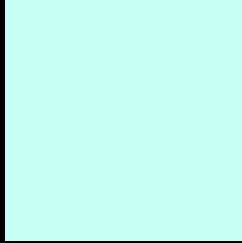
Large Text (above 18pt) WCAG AA × Fail

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 90.0574, 0.2851, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

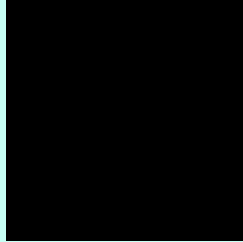
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.0574, 0.2851, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 90.0574, 0.2851, 0.3406.

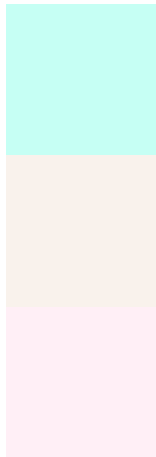


This preview shows how white text looks on a background with the Yxy color 90.0574, 0.2851, 0.3406.

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

90.0574, 0.2851, 0.3406

Protanopia

89.7001, 0.3210, 0.3350

Deuteranopia

89.6468, 0.3190, 0.3222



Tritanopia

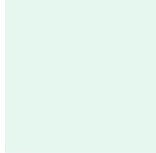
89.6255, 0.2963, 0.3199

Trichromacy



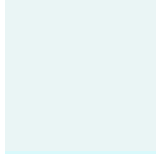
Original Color

90.0574, 0.2851, 0.3406



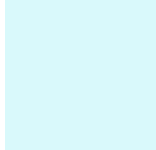
Protanomaly

89.5765, 0.3066, 0.3371



Deuteranomaly

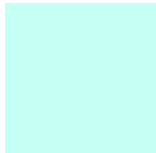
89.3898, 0.3057, 0.3290



Tritanomaly

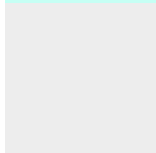
89.4681, 0.2919, 0.3269

Monochromacy



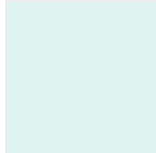
Original Color

90.0574, 0.2851, 0.3406



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.6806, 0.3017, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.0574, 0.2851, 0.3406 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(198, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 244)  
}
```

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(198, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 244) }
```

Border

The CSS property to change the border of an element to Yxy 90.0574, 0.2851, 0.3406 is called "border". The border property can be set on classes, ids or directly on the HTML element.

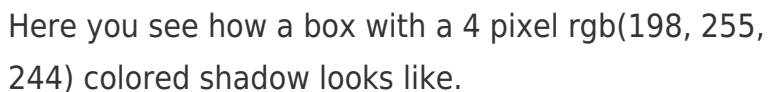
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 255, 244) }
```

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

```
.border{ border-color:rgb(198, 255, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 90.0574, 0.2851, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 244) }
```

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

```
.background{ background-color: rgb(198,  
255, 244) }
```

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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