

Converting Colors

$Yxy(88.8520, 0.2848, 0.3378)$

Have a look what the booklet for
Yxy(88.8520, 0.2848, 0.3378)
contains.

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Color

Yxy(88.8489, 0.2844, 0.3374)

Conversions

Conversions Part 1

Format	Color
Hex	C6FDF5
RGB	198, 253, 245
RGB Percent	78%, 99%, 96%
CMY	0.2236, 0.0078, 0.0392
CMYK	0.22, 0.00, 0.03, 0.01
HSL	171°, 93%, 88%
HSV	171°, 22%, 99%
XYZ	74.8922, 88.8489, 99.5929
YIQ	235.6430, -30.2120, -14.1480

Conversions

Conversions Part 2

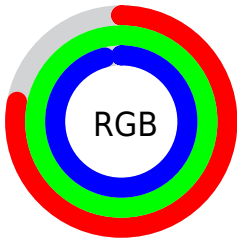
Format	Color
R_{YB}	198, 228, 253
Decimal	13041141
CIE _{Lab}	95.52, -18.86, -1.87
CIE _{LCh}	96, 18.954, 185.665
Yxy	88.8489, 0.2844, 0.3374
Android (android.graphics.Color)	4291231221 (0xFFC6FDF5)
YUV	235.6430, 4.6130, -33.0129
Hunter-Lab	94.2597, -23.1308, 3.3371

Details

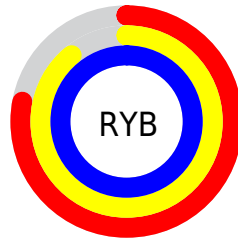
The Yxy color **88.8489, 0.2844, 0.3374** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.7200, 0.3507, 0.3208**, and the grayscale version is **83.5749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9936, 0.2781, 0.3385** is the 20% darker color. If you saturate the color by 10%, you get **85.4746, 0.2728, 0.3418**, and if you desaturate by 10%, it is **92.8092, 0.2970, 0.3333**.

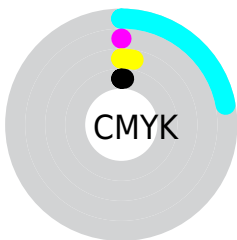
Distribution



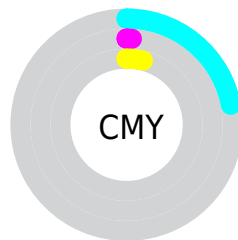
- Red (78%)
- Green (99%)
- Blue (96%)



- Red (78%)
- Yellow (89%)
- Blue (99%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)





- Cyan (22%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8489, 0.2844, 0.3374 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 88.8489, 0.2844, 0.3374 by changing the saturation by 10% instead.


 88.8489, 0.2844,
0.3374

 88.8489, 0.2844,
0.3374


524.2792, 0.2970,
0.3337

 67.0263, 0.2816,
0.3382


145.7384, 0.2887,
0.3362

 49.1060, 0.2783,
0.3391


181.5742, 0.2904,
0.3357

 34.7036, 0.2741,
0.3403


222.8498, 0.2918,
0.3352

 23.4346, 0.2688,
0.3418

269.9496, 0.2931,
0.3349

 14.9148, 0.2618,
0.3437

323.2581, 0.2942,
0.3345

 8.7596, 0.2522,
0.3463

383.1596, 0.2953,

 4.5847, 0.2382,

0.3342

0.3500

450.0385, 0.2962,
0.3340

■ 2.0057, 0.2158,
0.3556

■ 0.6108, 0.0787,
0.4001

■ 88.8489, 0.2844,
0.3374

■ 88.8489, 0.2844,
0.3374

■ 85.4746, 0.2728,
0.3418

■ 92.8092, 0.2970,
0.3333

■ 82.6469, 0.2625,
0.3465

■ 97.3710, 0.3103,
0.3296

■ 80.3383, 0.2538,
0.3514

■ 98.7361, 0.3128,
0.3271

■ 78.5149, 0.2468,
0.3565

■ 77.1385, 0.2418,
0.3617

■ 76.1652, 0.2388,
0.3669

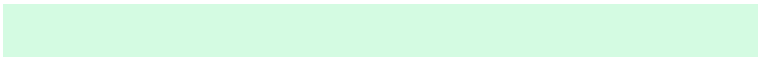
■ 75.5421, 0.2377,
0.3721

■ 75.2253, 0.2379,
0.3763

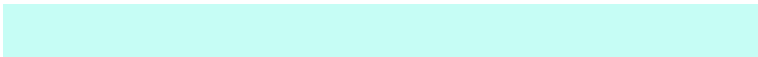
Harmonies

Analogous

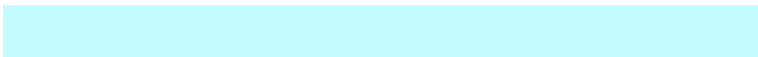
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8489, 0.3027, 0.3555



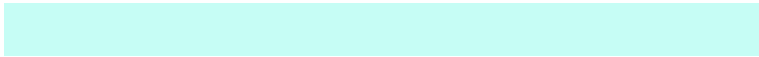
88.8489, 0.2844, 0.3374



88.8489, 0.2737, 0.3175

Triad

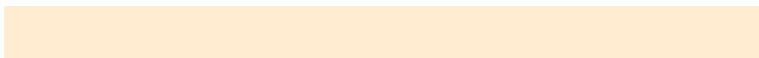
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8489, 0.2844, 0.3374



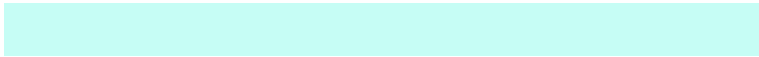
88.8489, 0.3002, 0.2950



88.8489, 0.3539, 0.3548

Complementary

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



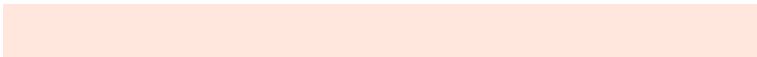
88.8489, 0.2844, 0.3374



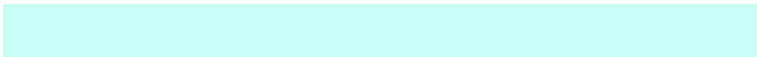
65.7200, 0.3507, 0.3208

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.



88.8489, 0.3534, 0.3382



88.8489, 0.2844, 0.3374



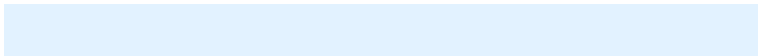
88.8489, 0.3218, 0.3045

Square

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



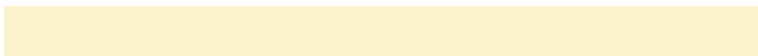
88.8489, 0.2844, 0.3374



88.8489, 0.2825, 0.2938



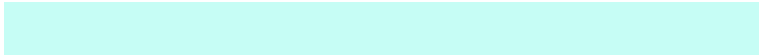
88.8489, 0.3415, 0.3201



88.8489, 0.3431, 0.3652

Rectangle

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



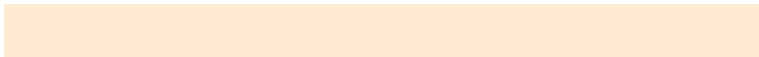
88.8489, 0.2844, 0.3374



88.8489, 0.2721, 0.3062



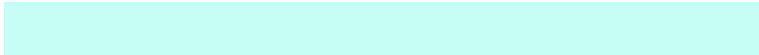
88.8489, 0.3415, 0.3201



88.8489, 0.3551, 0.3497

Sweetspot

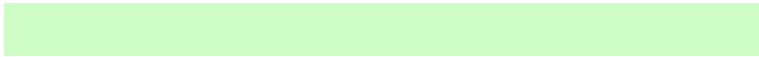
The Sweet Spot groups the original color and five complimentary colors.



88.8525, 0.2844, 0.3374



96.6043, 0.3033, 0.3315



87.4882, 0.3150, 0.3890



20.6177, 0.3025, 0.3317



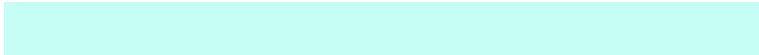
0.0000, 0.0000, 0.0000



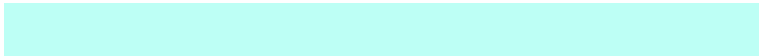
21.4041, 0.3127, 0.3290

Same Dimension

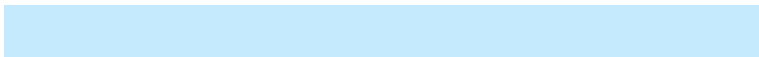
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8525, 0.2844, 0.3374



88.9150, 0.2793, 0.3392



77.7990, 0.2788, 0.3082



20.4334, 0.2999, 0.3325



40.0309, 0.2376, 0.3755



3.9095, 0.2360, 0.3696

Inverse Universe

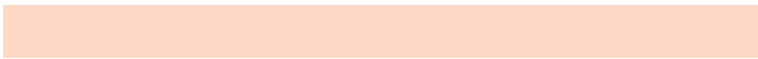
The Inverse Universe completely reimagines the original color for something new.



65.7200, 0.3507, 0.3208



61.6192, 0.3605, 0.3191



74.7112, 0.3529, 0.3489



18.0301, 0.3271, 0.3256



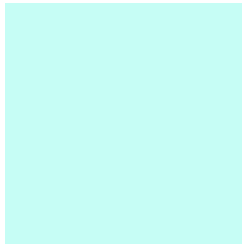
11.1917, 0.6207, 0.3193



1.1019, 0.5942, 0.3047

Previews

White Background



This preview shows how the Yxy color 88.8489, 0.2844, 0.3374 looks on a white background.

Color Contrast Check

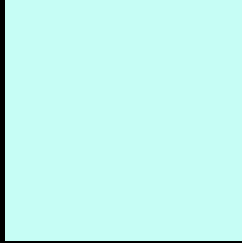
Large Text (above 18pt) WCAG AA × Fail

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 88.8489, 0.2844, 0.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

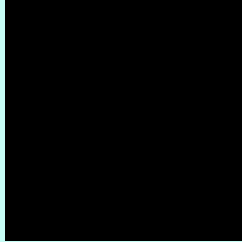
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

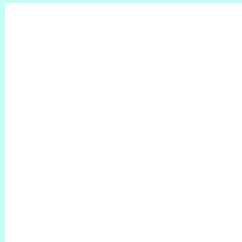
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8489, 0.2844, 0.3374

Background



This preview shows how black text looks on a background with the Yxy color 88.8489, 0.2844, 0.3374.

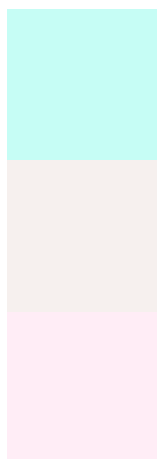


This preview shows how white text looks on a background with the Yxy color 88.8489, 0.2844, 0.3374.

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

88.8489, 0.2844, 0.3374

Protanopia

88.0861, 0.3179, 0.3310

Deuteranopia

88.4822, 0.3191, 0.3203



Tritanopia

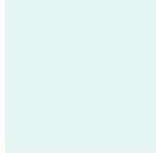
88.3721, 0.2938, 0.3188

Trichromacy



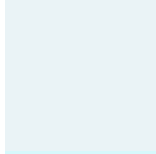
Original Color

88.8489, 0.2844, 0.3374



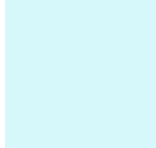
Protanomaly

88.3137, 0.3049, 0.3331



Deuteranomaly

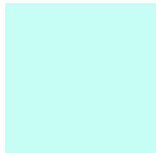
88.2474, 0.3052, 0.3260



Tritanomaly

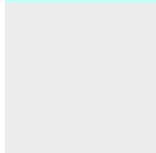
88.5469, 0.2907, 0.3258

Monochromacy



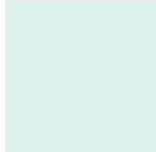
Original Color

88.8489, 0.2844, 0.3374



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.2659, 0.3017, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8489, 0.2844, 0.3374 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, 253, 245)` looks like.

```
.text, #text, p{  
    color:rgb(198, 253, 245)  
}
```

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, 253, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 253, 245) }
```

Border

The CSS property to change the border of an element to Yxy 88.8489, 0.2844, 0.3374 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, 253, 245) }
```

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

```
.border{ border-color:rgb(198, 253, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 253, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 253, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 253, 245);  
box-shadow:4px 4px 4px 4px rgb(198, 253,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8489, 0.2844, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 253, 245) }
```

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

```
.background{ background-color: rgb(198,  
253, 245) }
```

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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