

Converting Colors

Yxy(88.7016, 0.2849, 0.3449)

Have a look what the booklet for
Yxy(88.7016, 0.2849, 0.3449)
contains.

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Color

Yxy(88.4531, 0.2848, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	C1FEEF
RGB	193, 254, 239
RGB Percent	76%, 100%, 94%
CMY	0.2431, 0.0039, 0.0626
CMYK	0.24, 0.00, 0.06, 0.00
HSL	165°, 97%, 88%
HSV	165°, 24%, 100%
XYZ	73.0187, 88.4531, 94.9140
YIQ	234.0510, -31.5410, -17.5970

Conversions

Conversions Part 2

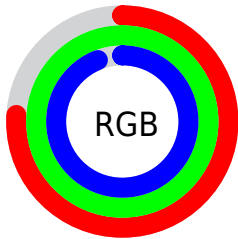
Format	Color
R_{YB}	193, 228, 254
Decimal	12713711
CIE Lab	95.35, -22.03, 0.93
CIE LCh	95, 22.050, 177.577
Yxy	88.4531, 0.2848, 0.3450
Android (android.graphics.Color)	4290903791 (0xFFC1FEEF)
YUV	234.0510, 2.4399, -36.0017
Hunter-Lab	94.0495, -26.0018, 5.9997

Details

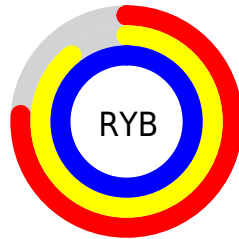
The Yxy color **88.4531, 0.2848, 0.3450** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.7652, 0.3509, 0.3137**, and the grayscale version is **82.3233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **48.7547, 0.2787, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **85.0381, 0.2745, 0.3527**, and if you desaturate by 10%, it is **92.4613, 0.2960, 0.3379**.

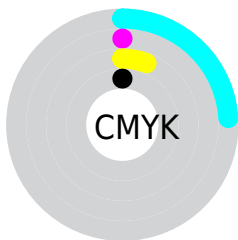
Distribution



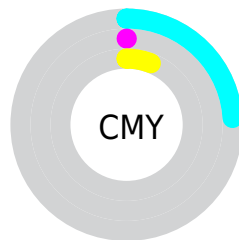
- Red (76%)
- Green (100%)
- Blue (94%)



- Red (76%)
- Yellow (89%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4531, 0.2848, 0.3450 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 88.4531, 0.2848, 0.3450 by changing the saturation by 10% instead.


 88.4531, 0.2848,
0.3450

 88.4531, 0.2848,
0.3450


522.9859, 0.2973,
0.3378

 66.6984, 0.2821,
0.3466


 145.1878, 0.2890,
0.3426

 48.8395, 0.2787,
0.3485


180.9366, 0.2907,
0.3416

 34.4922, 0.2745,
0.3509


222.1188, 0.2922,
0.3408

 23.2720, 0.2692,
0.3540

269.1189, 0.2934,
0.3400

 14.7945, 0.2622,
0.3581

322.3213, 0.2946,
0.3394

 8.6753, 0.2525,
0.3638

382.1103, 0.2956,

 4.5300, 0.2382,

0.3388

0.3722

448.8704, 0.2965,
0.3383

■ 1.9742, 0.2151,
0.3860

■ 0.5924, 0.0211,
0.4947

■ 88.4531, 0.2848,
0.3450

■ 88.4531, 0.2848,
0.3450

■ 85.0381, 0.2745,
0.3527

■ 92.4613, 0.2960,
0.3379


■ 82.1760, 0.2655,
0.3610


■ 97.0792, 0.3078,
0.3314


■ 79.8384, 0.2580,
0.3697

■ 99.3645, 0.3128,
0.3281

■ 77.9901, 0.2522,
0.3787

 76.5912, 0.2485,
0.3879

 75.5956, 0.2467,
0.3972

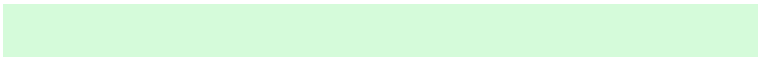
 74.9470, 0.2469,
0.4064

 74.6766, 0.2477,
0.4118

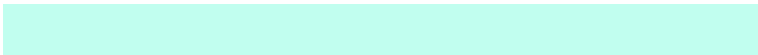
Harmonies

Analogous

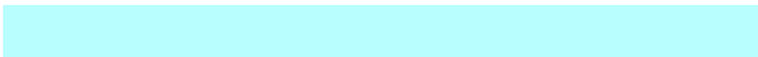
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4531, 0.3076, 0.3644



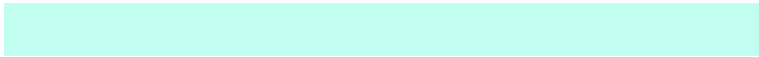
88.4531, 0.2848, 0.3450



88.4531, 0.2697, 0.3214

Triad

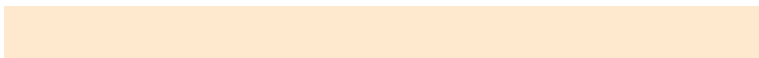
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4531, 0.2848, 0.3450



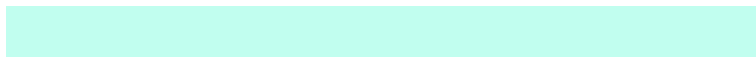
88.4531, 0.2919, 0.2883



88.4531, 0.3620, 0.3541

Complementary

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



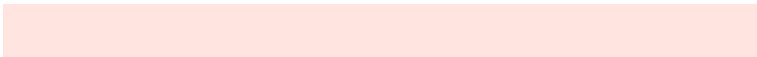
88.4531, 0.2848, 0.3450



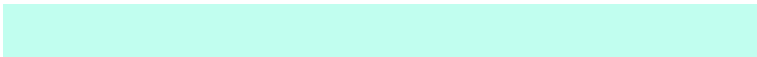
63.7652, 0.3509, 0.3137

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.



88.4531, 0.3576, 0.3338



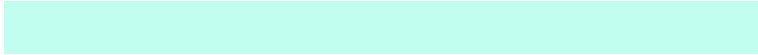
88.4531, 0.2848, 0.3450



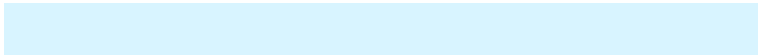
88.4531, 0.3163, 0.2969

Square

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



88.4531, 0.2848, 0.3450



88.4531, 0.2736, 0.2896



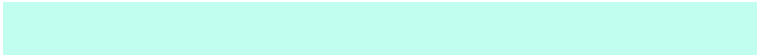
88.4531, 0.3407, 0.3133



88.4531, 0.3526, 0.3688

Rectangle

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



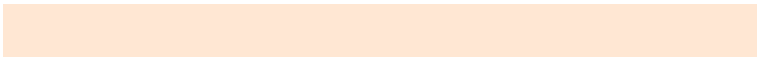
88.4531, 0.2848, 0.3450



88.4531, 0.2657, 0.3072



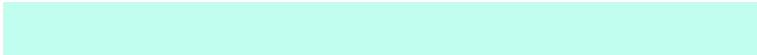
88.4531, 0.3407, 0.3133



88.4531, 0.3621, 0.3477

Sweetspot

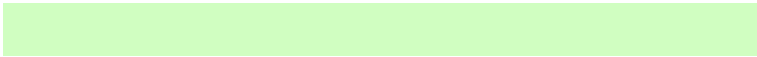
The Sweet Spot groups the original color and five complimentary colors.



88.4567, 0.2848, 0.3450



96.4915, 0.3043, 0.3333



88.1816, 0.3190, 0.3953



20.5916, 0.3035, 0.3337



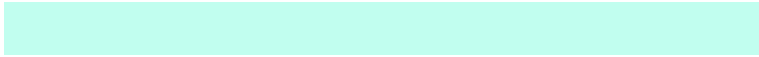
0.0000, 0.0000, 0.0000



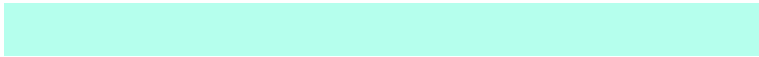
21.4041, 0.3127, 0.3290

Same Dimension

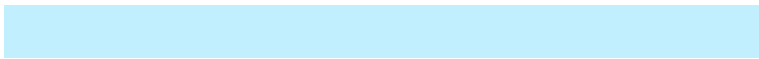
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4567, 0.2848, 0.3450



87.4560, 0.2795, 0.3488



80.0817, 0.2758, 0.3125



20.4008, 0.3013, 0.3349



39.3946, 0.2473, 0.4103



3.8530, 0.2444, 0.3999

Inverse Universe

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



63.7652, 0.3509, 0.3137



58.4605, 0.3615, 0.3103



70.1569, 0.3594, 0.3449



18.0601, 0.3256, 0.3232



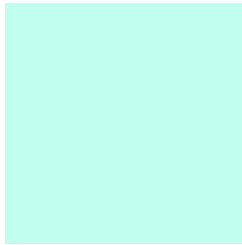
11.3134, 0.5950, 0.3051



1.1180, 0.5637, 0.2879

Previews

White Background



This preview shows how the Yxy color 88.4531, 0.2848, 0.3450 looks on a white background.

Color Contrast Check

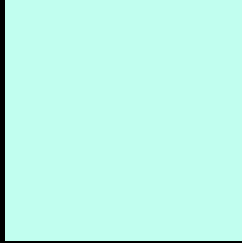
Large Text (above 18pt) WCAG AA × Fail

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 88.4531, 0.2848, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

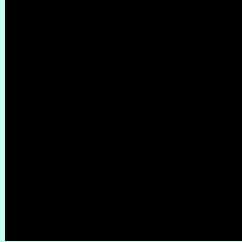
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

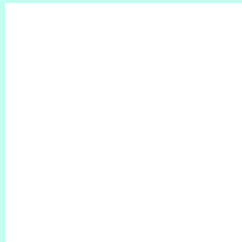
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4531, 0.2848, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 88.4531, 0.2848, 0.3450.

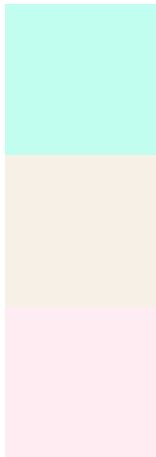


This preview shows how white text looks on a background with the Yxy color 88.4531, 0.2848, 0.3450.

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

88.4531, 0.2848, 0.3450

Protanopia

87.8639, 0.3229, 0.3380

Deuteranopia

87.6617, 0.3217, 0.3232



Tritanopia

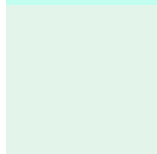
88.0544, 0.2926, 0.3188

Trichromacy



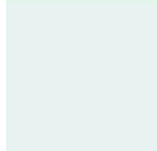
Original Color

88.4531, 0.2848, 0.3450



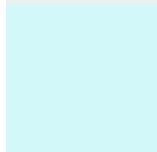
Protanomaly

87.5762, 0.3077, 0.3403



Deuteranomaly

87.6079, 0.3068, 0.3310



Tritanomaly

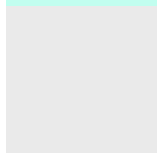
87.8232, 0.2895, 0.3279

Monochromacy



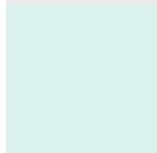
Original Color

88.4531, 0.2848, 0.3450



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.0268, 0.3015, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4531, 0.2848, 0.3450 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(193, 254, 239)` looks like.

```
.text, #text, p{  
    color:rgb(193, 254, 239)  
}
```

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(193, 254, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 254, 239) }
```

Border

The CSS property to change the border of an element to Yxy 88.4531, 0.2848, 0.3450 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(193, 254, 239) }
```

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

```
.border{ border-color:rgb(193, 254, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 254, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 254, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 254, 239);  
box-shadow:4px 4px 4px 4px rgb(193, 254,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4531, 0.2848, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 254, 239) }
```

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

```
.background{ background-color: rgb(193,  
254, 239) }
```

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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