

Converting Colors

$Yxy(88.4760, 0.2886, 0.3551)$

Have a look what the booklet for
Yxy(88.4760, 0.2886, 0.3551)
contains.

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Color

Yxy(88.4960, 0.2885, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	C0FFE7
RGB	192, 255, 231
RGB Percent	75%, 100%, 91%
CMY	0.2471, 0.0000, 0.0942
CMYK	0.25, 0.00, 0.09, 0.00
HSL	157°, 100%, 88%
HSV	157°, 25%, 100%
XYZ	71.9186, 88.4960, 88.8699
YIQ	233.4270, -29.8440, -20.8200

Conversions

Conversions Part 2

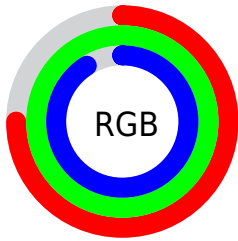
Format	Color
RYB	192, 231, 255
Decimal	12648423
CIELab	95.37, -24.42, 5.11
CIElCh	95, 24.948, 168.185
Yxy	88.4960, 0.2885, 0.3550
Android (android.graphics.Color)	4290838503 (0xFFC0FFE7)
YUV	233.4270, -1.1965, -36.3315
Hunter-Lab	94.0723, -28.1627, 9.8395

Details

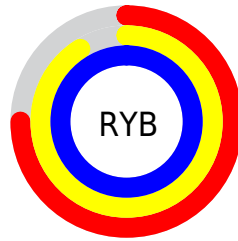
The Yxy color **88.4960, 0.2885, 0.3550** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.9196, 0.3453, 0.3045**, and the grayscale version is **81.8473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **48.8017, 0.2833, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **84.9149, 0.2798, 0.3674**, and if you desaturate by 10%, it is **92.6816, 0.2980, 0.3437**.

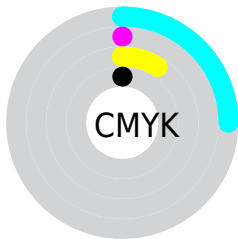
Distribution



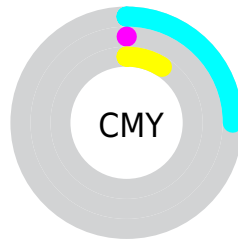
- Red (75%)
- Green (100%)
- Blue (91%)



- Red (75%)
- Yellow (91%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4960, 0.2885, 0.3550 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 88.4960, 0.2885, 0.3550 by changing the saturation by 10% instead.

 88.4960, 0.2885,
0.3550

 88.4960, 0.2885,
0.3550


523.1262, 0.2994,
0.3432

 66.7339, 0.2861,
0.3577


 145.2475, 0.2922,
0.3509

 48.8684, 0.2831,
0.3609

181.0057, 0.2937,
0.3493

 34.5151, 0.2794,
0.3650


222.1981, 0.2950,
0.3480

 23.2896, 0.2746,
0.3703

269.2090, 0.2961,
0.3468

 14.8075, 0.2683,
0.3774

322.4229, 0.2971,
0.3457

 8.6844, 0.2594,
0.3875

382.2241, 0.2979,

 4.5359, 0.2462,

0.3448

0.4029

448.9971, 0.2987,
0.3439

1.9776, 0.2243,
0.4289

0.5944, 0.0000,
0.6720

88.4960, 0.2885,
0.3550

88.4960, 0.2885,
0.3550

84.9149, 0.2798,
0.3674

92.6816, 0.2980,
0.3437


81.9122, 0.2722,
0.3807


97.5038, 0.3079,
0.3334


79.4535, 0.2660,
0.3948


100.0000, 0.3127,
0.3290

77.5025, 0.2615,
0.4095

 76.0184, 0.2590,
0.4245

 74.9536, 0.2586,
0.4395

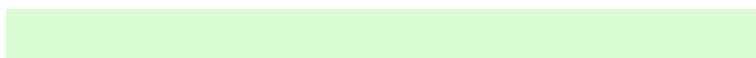
 74.2498, 0.2602,
0.4542

 73.9797, 0.2616,
0.4618

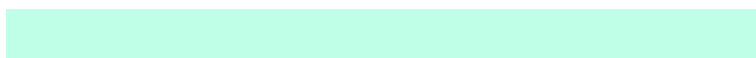
Harmonies

Analogous

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



88.4960, 0.3157, 0.3740



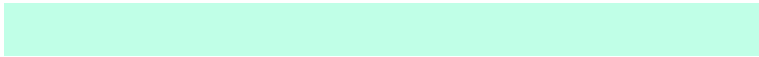
88.4960, 0.2885, 0.3550



88.4960, 0.2683, 0.3286

Triad

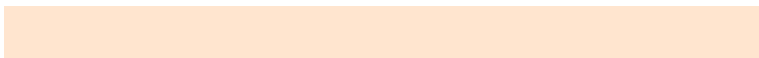
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4960, 0.2885, 0.3550



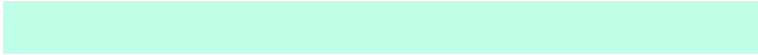
88.4960, 0.2817, 0.2824



88.4960, 0.3687, 0.3503

Complementary

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



88.4960, 0.2885, 0.3550



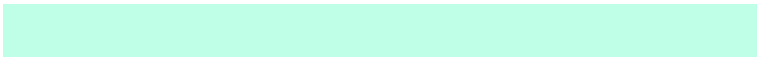
63.9196, 0.3453, 0.3045

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.



88.4960, 0.3589, 0.3268



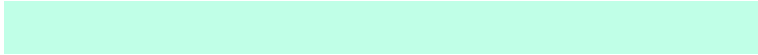
88.4960, 0.2885, 0.3550



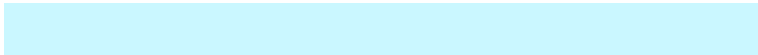
88.4960, 0.3077, 0.2888

Square

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



88.4960, 0.2885, 0.3550



88.4960, 0.2645, 0.2874



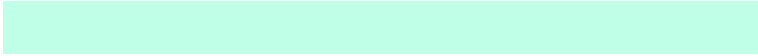
88.4960, 0.3362, 0.3048



88.4960, 0.3627, 0.3697

Rectangle

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



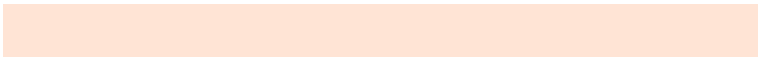
88.4960, 0.2885, 0.3550



88.4960, 0.2611, 0.3114



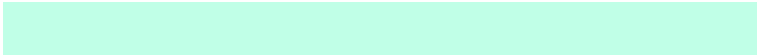
88.4960, 0.3362, 0.3048



88.4960, 0.3672, 0.3426

Sweetspot

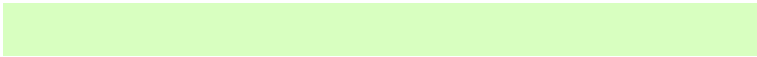
The Sweet Spot groups the original color and five complimentary colors.



88.4947, 0.2885, 0.3550



96.3396, 0.3056, 0.3357



89.9478, 0.3245, 0.3964



20.5563, 0.3050, 0.3363



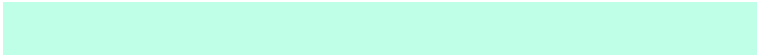
0.0000, 0.0000, 0.0000



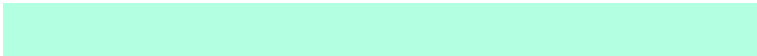
21.4041, 0.3127, 0.3290

Same Dimension

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



88.4947, 0.2885, 0.3550



86.5254, 0.2838, 0.3614



85.3467, 0.2756, 0.3211



20.3571, 0.3031, 0.3382



38.6860, 0.2610, 0.4594



3.7880, 0.2564, 0.4428

Inverse Universe

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



63.9196, 0.3453, 0.3045



57.8384, 0.3546, 0.2990



66.0748, 0.3632, 0.3368



18.1017, 0.3234, 0.3200



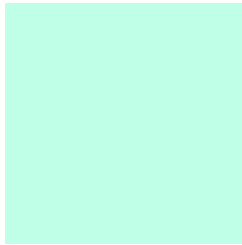
11.5891, 0.5459, 0.2781



1.1489, 0.5152, 0.2612

Previews

White Background



This preview shows how the Yxy color 88.4960, 0.2885, 0.3550 looks on a white background.

Color Contrast Check

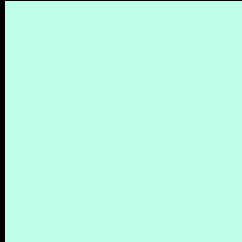
Large Text (above 18pt) WCAG AA × Fail

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 88.4960, 0.2885, 0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

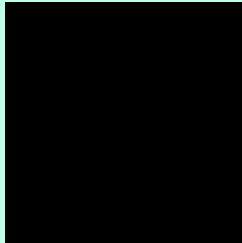
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

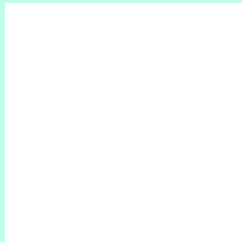
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4960, 0.2885, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 88.4960, 0.2885, 0.3550.

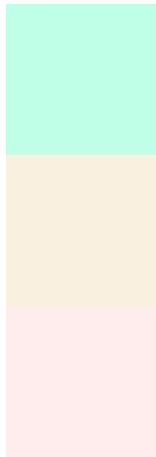


This preview shows how white text looks on a background with the Yxy color 88.4960, 0.2885, 0.3550.

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

88.4960, 0.2885, 0.3550

Protanopia

87.7876, 0.3293, 0.3460

Deuteranopia

88.0014, 0.3242, 0.3281



Tritanopia

88.0544, 0.2926, 0.3188

Trichromacy



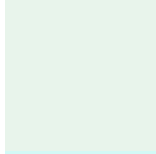
Original Color

88.4960, 0.2885, 0.3550



Protanomaly

87.2898, 0.3131, 0.3487



Deuteranomaly

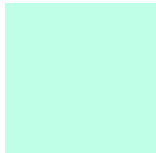
87.8553, 0.3104, 0.3382



Tritanomaly

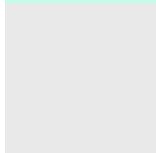
88.2541, 0.2911, 0.3321

Monochromacy



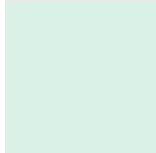
Original Color

88.4960, 0.2885, 0.3550



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.6422, 0.3032, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4960, 0.2885, 0.3550 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(192, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 231)  
}
```

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(192, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 231) }
```

Border

The CSS property to change the border of an element to Yxy 88.4960, 0.2885, 0.3550 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(192, 255, 231) }
```

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

```
.border{ border-color:rgb(192, 255, 231) }
```

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

Here you see how a box with a 4 pixel rgb(192, 255, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4960, 0.2885, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 231) }
```

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

```
.background{ background-color: rgb(192,  
255, 231) }
```

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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