

Converting Colors

$Yxy(88.3086, 0.2804, 0.3445)$

Have a look what the booklet for
Yxy(88.3086, 0.2804, 0.3445)
contains.

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Color

Yxy(88.3100, 0.2801, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	BAFFF1
RGB	186, 255, 241
RGB Percent	73%, 100%, 95%
CMY	0.2705, 0.0000, 0.0550
CMYK	0.27, 0.00, 0.06, 0.00
HSL	168°, 100%, 86%
HSV	168°, 27%, 100%
XYZ	71.8850, 88.3100, 96.4455
YIQ	232.7730, -36.6300, -18.9820

Conversions

Conversions Part 2

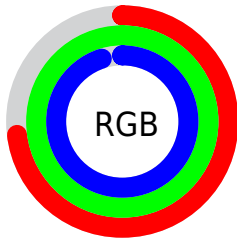
Format	Color
RYB	186, 224, 255
Decimal	12255217
CIELab	95.29, -24.15, -0.19
CIElCh	95, 24.154, 180.459
Yxy	88.3100, 0.2801, 0.3441
Android (android.graphics.Color)	4290445297 (0xFFBAFFF1)
YUV	232.7730, 4.0559, -41.0199
Hunter-Lab	93.9734, -27.9098, 4.9317

Details

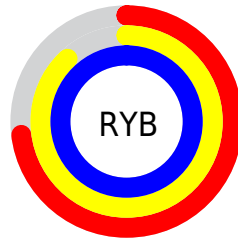
The Yxy color **88.3100, 0.2801, 0.3441** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.5581, 0.3596, 0.3146**, and the grayscale version is **81.2958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **48.7162, 0.2730, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **85.0901, 0.2697, 0.3506**, and if you desaturate by 10%, it is **92.1087, 0.2915, 0.3381**.

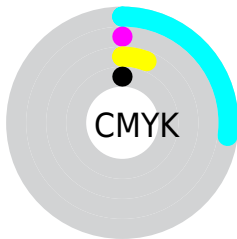
Distribution



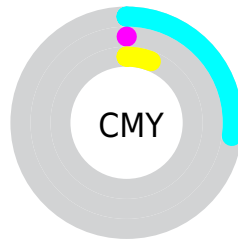
- Red (73%)
- Green (100%)
- Blue (95%)



- Red (73%)
- Yellow (88%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.3100, 0.2801, 0.3441 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 88.3100, 0.2801, 0.3441 by changing the saturation by 10% instead.

 88.3100, 0.2801,
0.3441

 88.3100, 0.2801,
0.3441


522.5179, 0.2946,
0.3374

 66.5798, 0.2769,
0.3456


 144.9887, 0.2850,
0.3418

 48.7432, 0.2730,
0.3474


180.7060, 0.2870,
0.3409

 34.4159, 0.2682,
0.3496


221.8544, 0.2887,
0.3401

 23.2133, 0.2620,
0.3524

268.8184, 0.2902,
0.3395

 14.7510, 0.2539,
0.3562

321.9824, 0.2915,
0.3388

 8.6449, 0.2427,
0.3613

381.7307, 0.2926,

 4.5103, 0.2263,

0.3383

0.3688

448.4477, 0.2937,
0.3378

■ 1.9629, 0.2002,
0.3807

■ 0.5858, 0.0000,
0.4735

■ 88.3100, 0.2801,
0.3441

■ 88.3100, 0.2801,
0.3441

■ 85.0901, 0.2697,
0.3506

■ 92.1087, 0.2915,
0.3381

■ 82.4185, 0.2607,
0.3575

■ 96.5142, 0.3038,
0.3326

■ 80.2621, 0.2534,
0.3646

■ 100.0000, 0.3127,
0.3290

■ 78.5840, 0.2479,
0.3721

■ 77.3424, 0.2444,
0.3796

■ 76.4883, 0.2429,
0.3871

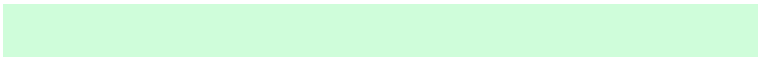
■ 75.9590, 0.2433,
0.3946

■ 75.8371, 0.2435,
0.3968

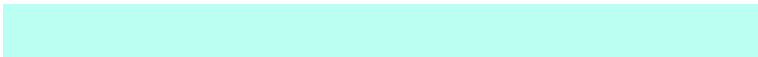
Harmonies

Analogous

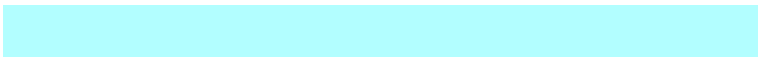
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3100, 0.3044, 0.3664



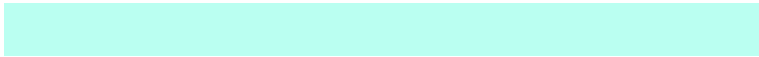
88.3100, 0.2801, 0.3441



88.3100, 0.2647, 0.3182

Triad

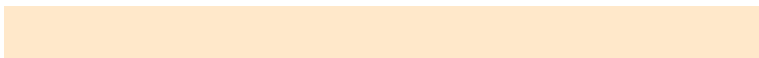
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3100, 0.2801, 0.3441



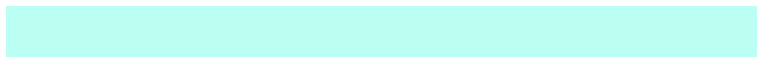
88.3100, 0.2922, 0.2850



88.3100, 0.3664, 0.3582

Complementary

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



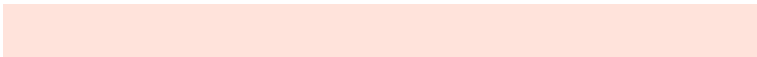
88.3100, 0.2801, 0.3441



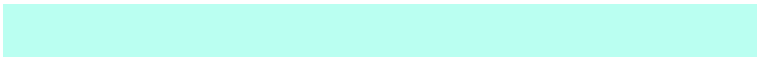
60.5581, 0.3596, 0.3146

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.



88.3100, 0.3632, 0.3364



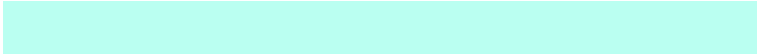
88.3100, 0.2801, 0.3441



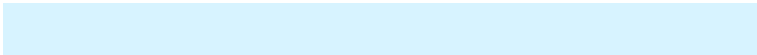
88.3100, 0.3193, 0.2954

Square

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



88.3100, 0.2801, 0.3441



88.3100, 0.2715, 0.2853



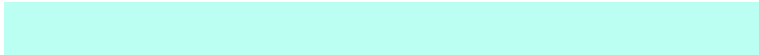
88.3100, 0.3456, 0.3138



88.3100, 0.3547, 0.3736

Rectangle

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



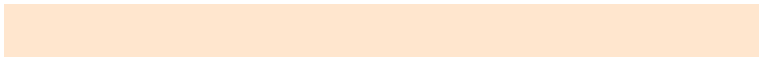
88.3100, 0.2801, 0.3441



88.3100, 0.2612, 0.3031



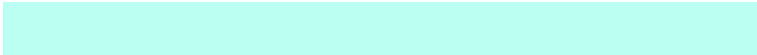
88.3100, 0.3456, 0.3138



88.3100, 0.3671, 0.3513

Sweetspot

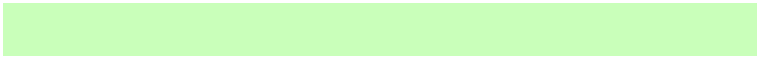
The Sweet Spot groups the original color and five complimentary colors.



88.3100, 0.2801, 0.3441



96.0697, 0.3026, 0.3331



87.4785, 0.3182, 0.4052



20.4144, 0.3007, 0.3339



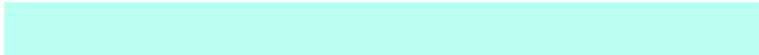
0.0000, 0.0000, 0.0000



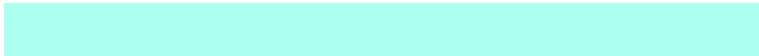
21.4041, 0.3127, 0.3290

Same Dimension

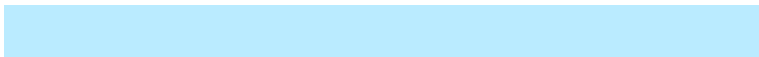
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3100, 0.2801, 0.3441



86.6462, 0.2748, 0.3472



77.3390, 0.2710, 0.3076



20.4144, 0.3007, 0.3339



39.6487, 0.2432, 0.3955



3.8757, 0.2408, 0.3870

Inverse Universe

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



60.5581, 0.3596, 0.3146



55.0187, 0.3715, 0.3118



68.7384, 0.3663, 0.3494



18.0475, 0.3262, 0.3242



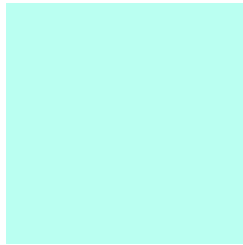
11.2547, 0.6071, 0.3118



1.1106, 0.5771, 0.2953

Previews

White Background



This preview shows how the Yxy color 88.3100, 0.2801, 0.3441 looks on a white background.

Color Contrast Check

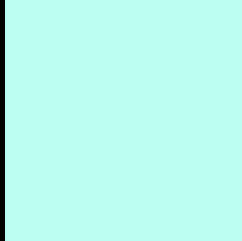
Large Text (above 18pt) WCAG AA × Fail

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 88.3100, 0.2801, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

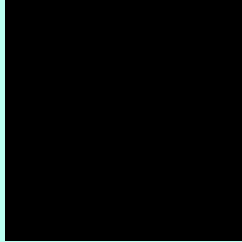
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

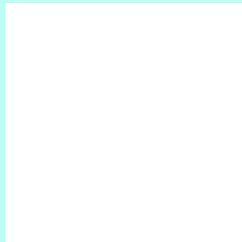
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.3100, 0.2801, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 88.3100, 0.2801, 0.3441.

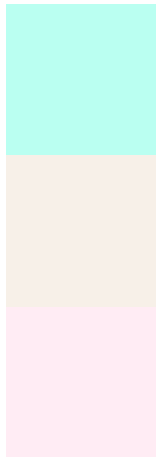


This preview shows how white text looks on a background with the Yxy color 88.3100, 0.2801, 0.3441.

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

88.3100, 0.2801, 0.3441

Protanopia

87.9205, 0.3223, 0.3370

Deuteranopia

87.7826, 0.3204, 0.3212



Tritanopia

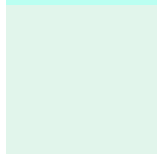
87.7405, 0.2914, 0.3187

Trichromacy



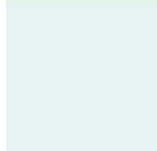
Original Color

88.3100, 0.2801, 0.3441



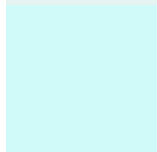
Protanomaly

87.3105, 0.3059, 0.3393



Deuteranomaly

87.3952, 0.3044, 0.3290



Tritanomaly

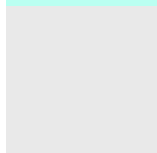
88.0634, 0.2872, 0.3279

Monochromacy



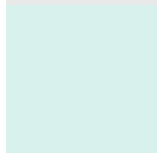
Original Color

88.3100, 0.2801, 0.3441



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.5657, 0.2996, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3100, 0.2801, 0.3441 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(186, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 241)  
}
```

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(186, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 241) }
```

Border

The CSS property to change the border of an element to Yxy 88.3100, 0.2801, 0.3441 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(186, 255, 241) }
```

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

```
.border{ border-color:rgb(186, 255, 241) }
```

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

Here you see how a box with a 4 pixel rgb(186, 255, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3100, 0.2801, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 241) }
```

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

```
.background{ background-color: rgb(186,  
255, 241) }
```

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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