

Converting Colors

$Yxy(88.7951, 0.2771, 0.3369)$

Have a look what the booklet for
Yxy(88.7951, 0.2771, 0.3369)
contains.

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Color

Yxy(88.8621, 0.2771, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	BBFFF8
RGB	187, 255, 248
RGB Percent	73%, 100%, 97%
CMY	0.2666, 0.0000, 0.0275
CMYK	0.27, 0.00, 0.03, 0.00
HSL	174°, 100%, 87%
HSV	174°, 27%, 100%
XYZ	73.1976, 88.8621, 102.0963
YIQ	233.8700, -38.2810, -16.5930

Conversions

Conversions Part 2

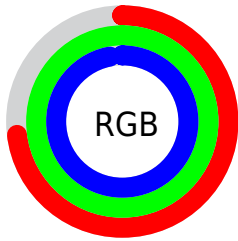
Format	Color
RYB	187, 223, 255
Decimal	12320760
CIELab	95.52, -22.39, -3.47
CIELCh	96, 22.663, 188.819
Yxy	88.8621, 0.2771, 0.3364
Android (android.graphics.Color)	4290510840 (0xFFBBFFF8)
YUV	233.8700, 6.9661, -41.1050
Hunter-Lab	94.2667, -26.3623, 1.7722

Details

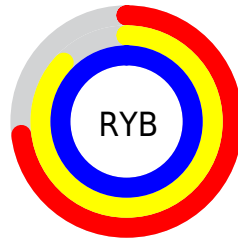
The Yxy color **88.8621, 0.2771, 0.3364** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.7014, 0.3645, 0.3219**, and the grayscale version is **82.1457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **49.0995, 0.2694, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **85.7655, 0.2657, 0.3396**, and if you desaturate by 10%, it is **92.5345, 0.2897, 0.3334**.

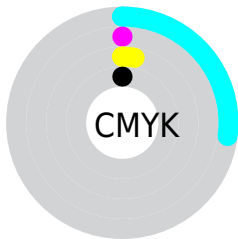
Distribution



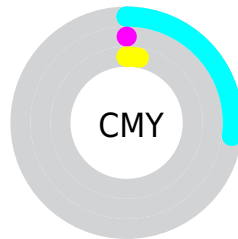
- Red (73%)
- Green (100%)
- Blue (97%)



- Red (73%)
- Yellow (87%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8621, 0.2771, 0.3364 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 88.8621, 0.2771, 0.3364 by changing the saturation by 10% instead.


 88.8621, 0.2771,
0.3364

 88.8621, 0.2771,
0.3364


524.3223, 0.2929,
0.3333

 67.0373, 0.2737,
0.3371

 145.7568, 0.2824,
0.3354

 49.1149, 0.2695,
0.3378


181.5954, 0.2846,
0.3349

 34.7106, 0.2643,
0.3388


222.8741, 0.2864,
0.3346

 23.4401, 0.2577,
0.3400

269.9773, 0.2880,
0.3343

 14.9188, 0.2491,
0.3414

323.2893, 0.2894,
0.3340

 8.7624, 0.2372,
0.3433

383.1945, 0.2907,

 4.5865, 0.2201,

0.3337

0.3458

450.0774, 0.2919,
0.3335

■ 2.0068, 0.1933,
0.3490

■ 0.6114, 0.0221,
0.3933

■ 88.8621, 0.2771,
0.3364

■ 88.8621, 0.2771,
0.3364

■ 85.7655, 0.2657,
0.3396

■ 92.5345, 0.2897,
0.3334

■ 83.2107, 0.2557,
0.3429

■ 96.8070, 0.3033,
0.3307

■ 81.1660, 0.2475,
0.3464

100.0000, 0.3127,
0.3290

■ 79.5948, 0.2412,
0.3500

■ 78.4556, 0.2369,
0.3536

■ 77.6998, 0.2345,
0.3572

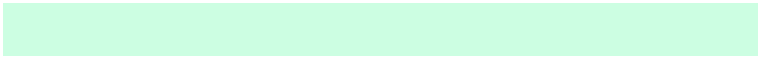
■ 77.2660, 0.2339,
0.3607

■ 77.1621, 0.2339,
0.3619

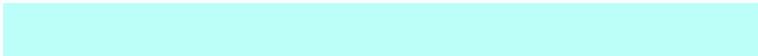
Harmonies

Analogous

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



88.8621, 0.2981, 0.3589



88.8621, 0.2771, 0.3364



88.8621, 0.2656, 0.3127

Triad

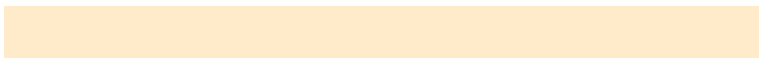
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8621, 0.2771, 0.3364



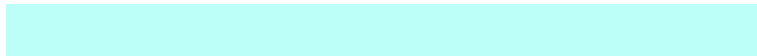
88.8621, 0.3003, 0.2895



88.8621, 0.3613, 0.3613

Complementary

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



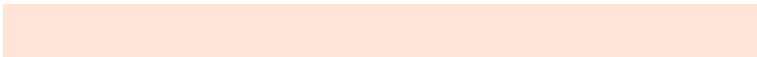
88.8621, 0.2771, 0.3364



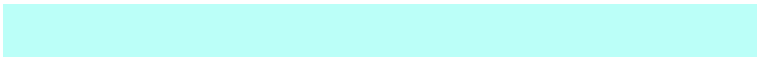
60.7014, 0.3645, 0.3219

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.



88.8621, 0.3622, 0.3420



88.8621, 0.2771, 0.3364



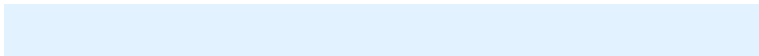
88.8621, 0.3262, 0.3016

Square

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



88.8621, 0.2771, 0.3364



88.8621, 0.2786, 0.2868



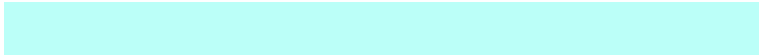
88.8621, 0.3492, 0.3205



88.8621, 0.3469, 0.3730

Rectangle

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



88.8621, 0.2771, 0.3364



88.8621, 0.2646, 0.2998



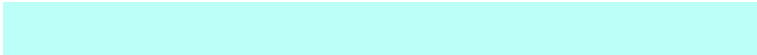
88.8621, 0.3492, 0.3205



88.8621, 0.3632, 0.3555

Sweetspot

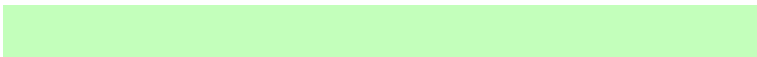
The Sweet Spot groups the original color and five complimentary colors.



88.8633, 0.2771, 0.3364



96.1995, 0.3015, 0.3310



86.7030, 0.3139, 0.4049



20.4473, 0.2994, 0.3314



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

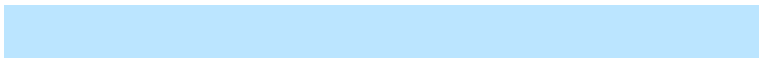
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8633, 0.2771, 0.3364



87.1402, 0.2708, 0.3381



73.7905, 0.2709, 0.3003



20.4473, 0.2994, 0.3314



40.3319, 0.2337, 0.3613



3.9359, 0.2326, 0.3572

Inverse Universe

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



60.7014, 0.3645, 0.3219



54.6702, 0.3790, 0.3204



72.4740, 0.3636, 0.3560



18.0175, 0.3278, 0.3266



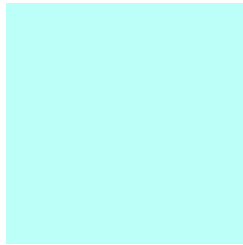
11.1583, 0.6284, 0.3235



1.0960, 0.6067, 0.3116

Previews

White Background



This preview shows how the Yxy color 88.8621, 0.2771, 0.3364 looks on a white background.

Color Contrast Check

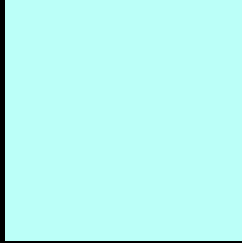
Large Text (above 18pt) WCAG AA × Fail

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 88.8621, 0.2771, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

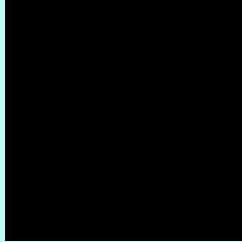
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

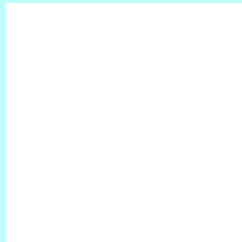
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8621, 0.2771, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 88.8621, 0.2771, 0.3364.

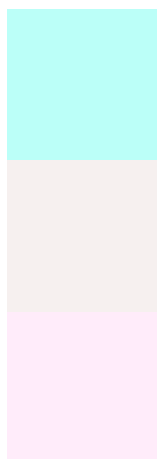


This preview shows how white text looks on a background with the Yxy color 88.8621, 0.2771, 0.3364.

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

88.8621, 0.2771, 0.3364

Protanopia

88.1450, 0.3173, 0.3300

Deuteranopia

88.1530, 0.3167, 0.3155



Tritanopia

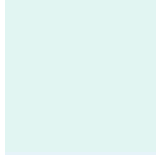
88.6611, 0.2926, 0.3198

Trichromacy



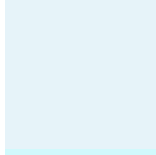
Original Color

88.8621, 0.2771, 0.3364



Protanomaly

87.7232, 0.3018, 0.3320



Deuteranomaly

87.7637, 0.3009, 0.3229



Tritanomaly

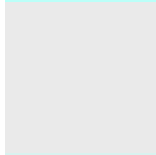
88.3349, 0.2867, 0.3258

Monochromacy



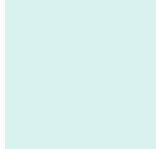
Original Color

88.8621, 0.2771, 0.3364



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.4880, 0.2985, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8621, 0.2771, 0.3364 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(187, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(187, 255, 248)  
}
```

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(187, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 255, 248) }
```

Border

The CSS property to change the border of an element to Yxy 88.8621, 0.2771, 0.3364 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(187, 255, 248) }
```

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

```
.border{ border-color:rgb(187, 255, 248) }
```

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

Here you see how a box with a 4 pixel rgb(187, 255, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(187, 255,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8621, 0.2771, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 255, 248) }
```

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

```
.background{ background-color: rgb(187,  
255, 248) }
```

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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