

Converting Colors

Yxy(88.4154, 0.2754, 0.3366)

Have a look what the booklet for
Yxy(88.4154, 0.2754, 0.3366)
contains.

Yxy(88.4877, 0.2755, 0.3364)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(88.4877, 0.2755, 0.3364)

Conversions

Conversions Part 1

Format	Color
Hex	B8FFF8
RGB	184, 255, 248
RGB Percent	72%, 100%, 97%
CMY	0.2785, 0.0000, 0.0273
CMYK	0.28, 0.00, 0.03, 0.00
HSL	174°, 100%, 86%
HSV	174°, 28%, 100%
XYZ	72.4684, 88.4877, 102.0870
YIQ	232.9730, -40.0690, -17.2290

Conversions

Conversions Part 2

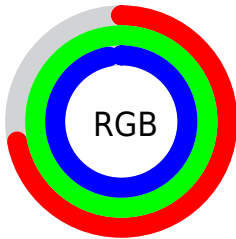
Format	Color
RYB	184, 221, 255
Decimal	12124152
CIELab	95.37, -23.25, -3.74
CIELCh	95, 23.545, 189.138
Yxy	88.4877, 0.2755, 0.3364
Android (android.graphics.Color)	4290314232 (0xFFB8FFF8)
YUV	232.9730, 7.4083, -42.9493
Hunter-Lab	94.0679, -27.1053, 1.5032

Details

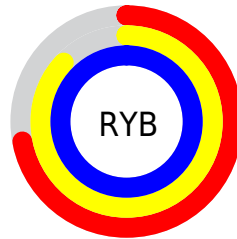
The Yxy color **88.4877, 0.2755, 0.3364** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.2896, 0.3679, 0.3219**, and the grayscale version is **81.4254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **48.8611, 0.2675, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **85.4618, 0.2642, 0.3394**, and if you desaturate by 10%, it is **92.0800, 0.2881, 0.3335**.

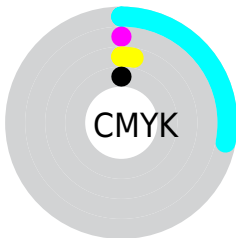
Distribution



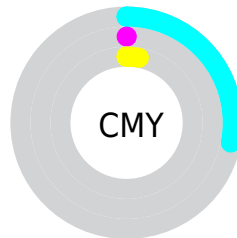
- Red (72%)
- Green (100%)
- Blue (97%)



- Red (72%)
- Yellow (87%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)




- Cyan (28%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4877, 0.2755, 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 88.4877, 0.2755, 0.3364 by changing the saturation by 10% instead.


 88.4877, 0.2755,
0.3364

 88.4877, 0.2755,
0.3364


523.0990, 0.2920,
0.3333

 66.7270, 0.2719,
0.3371

 145.2359, 0.2811,
0.3354

 48.8628, 0.2675,
0.3378


180.9923, 0.2833,
0.3350

 34.5107, 0.2621,
0.3388


222.1827, 0.2852,
0.3346

 23.2862, 0.2552,
0.3399

269.1916, 0.2869,
0.3343

 14.8050, 0.2462,
0.3413

322.4032, 0.2884,
0.3340

 8.6826, 0.2338,
0.3432

382.2021, 0.2897,

 4.5348, 0.2160,

0.3337

0.3455

448.9726, 0.2909,
0.3335

1.9770, 0.1880,
0.3484

0.5940, 0.0000,
0.3954

88.4877, 0.2755,
0.3364

88.4877, 0.2755,
0.3364

85.4618, 0.2642,
0.3394

92.0800, 0.2881,
0.3335

82.9766, 0.2544,
0.3426

96.2718, 0.3016,
0.3309

80.9972, 0.2464,
0.3460

100.0000, 0.3127,
0.3290

79.4864, 0.2403,
0.3494

■ 78.4020, 0.2362,
0.3528

■ 77.6943, 0.2340,
0.3562

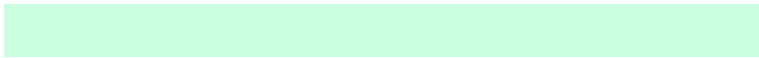
■ 77.2966, 0.2334,
0.3595

■ 77.2310, 0.2334,
0.3603

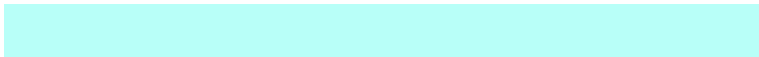
Harmonies

Analogous

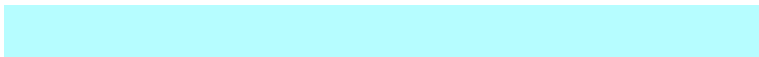
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4877, 0.2972, 0.3600



88.4877, 0.2755, 0.3364



88.4877, 0.2638, 0.3117

Triad

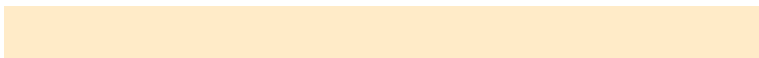
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4877, 0.2755, 0.3364



88.4877, 0.3000, 0.2881



88.4877, 0.3631, 0.3627

Complementary

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



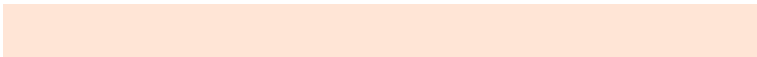
88.4877, 0.2755, 0.3364



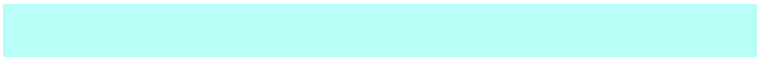
59.2896, 0.3679, 0.3219

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.



88.4877, 0.3643, 0.3427



88.4877, 0.2755, 0.3364



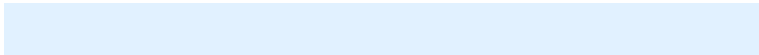
88.4877, 0.3270, 0.3007

Square

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



88.4877, 0.2755, 0.3364



88.4877, 0.2774, 0.2851



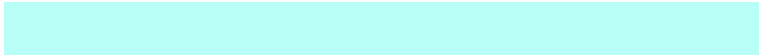
88.4877, 0.3509, 0.3203



88.4877, 0.3480, 0.3748

Rectangle

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



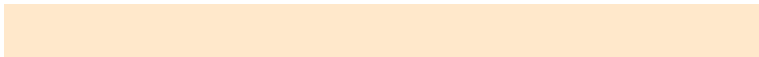
88.4877, 0.2755, 0.3364



88.4877, 0.2628, 0.2985



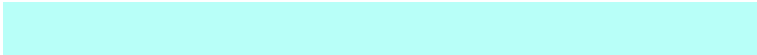
88.4877, 0.3509, 0.3203



88.4877, 0.3652, 0.3566

Sweetspot

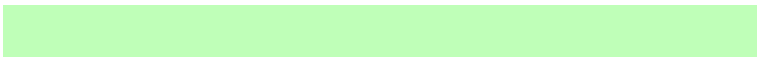
The Sweet Spot groups the original color and five complimentary colors.



88.4861, 0.2755, 0.3364



96.2058, 0.3014, 0.3309



86.0660, 0.3132, 0.4090



20.4489, 0.2993, 0.3313



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

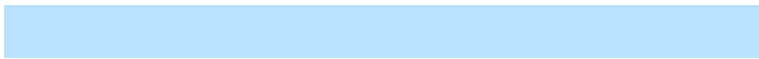
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4861, 0.2755, 0.3364



86.8603, 0.2695, 0.3379



72.1212, 0.2689, 0.2976



20.4489, 0.2993, 0.3313



40.3674, 0.2333, 0.3597



3.9390, 0.2322, 0.3558

Inverse Universe

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



59.2896, 0.3679, 0.3219



53.5884, 0.3823, 0.3205



71.9991, 0.3660, 0.3584



18.0160, 0.3279, 0.3267



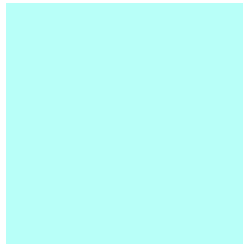
11.1551, 0.6291, 0.3239



1.0953, 0.6081, 0.3124

Previews

White Background



This preview shows how the Yxy color 88.4877, 0.2755, 0.3364 looks on a white background.

Color Contrast Check

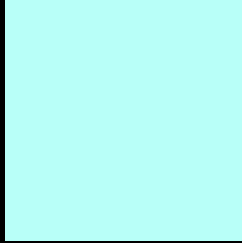
Large Text (above 18pt) WCAG AA × Fail

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 88.4877, 0.2755, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

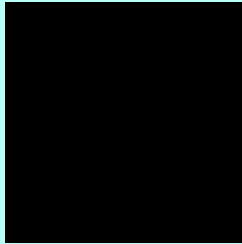
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.4877, 0.2755, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 88.4877, 0.2755, 0.3364.

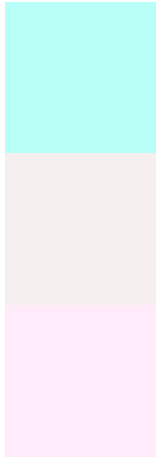


This preview shows how white text looks on a background with the Yxy color 88.4877, 0.2755, 0.3364.

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

88.4877, 0.2755, 0.3364

Protanopia

87.9646, 0.3166, 0.3300

Deuteranopia

87.5788, 0.3167, 0.3145



Tritanopia

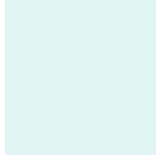
88.3472, 0.2914, 0.3198

Trichromacy



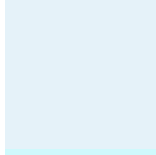
Original Color

88.4877, 0.2755, 0.3364



Protanomaly

87.4036, 0.3006, 0.3321



Deuteranomaly

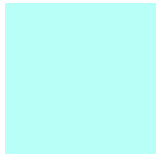
87.0018, 0.3003, 0.3219



Tritanomaly

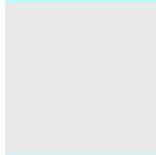
88.0450, 0.2856, 0.3258

Monochromacy



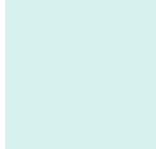
Original Color

88.4877, 0.2755, 0.3364



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.5307, 0.2979, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4877, 0.2755, 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(184, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 248) }
```

Border

The CSS property to change the border of an element to Yxy 88.4877, 0.2755, 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(184, 255, 248) }
```

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

```
.border{ border-color:rgb(184, 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(184, 255, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4877, 0.2755, 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(184, 255, 248) }
```

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

```
.background{ background-color: rgb(184,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor