

Converting Colors

Yxy(88.6916, 0.2771, 0.3375)

Have a look what the booklet for
Yxy(88.6916, 0.2771, 0.3375)
contains.

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Color

Yxy(88.6745, 0.2771, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	BAFFF7
RGB	186, 255, 247
RGB Percent	73%, 100%, 97%
CMY	0.2704, 0.0000, 0.0314
CMYK	0.27, 0.00, 0.03, 0.00
HSL	173°, 100%, 86%
HSV	173°, 27%, 100%
XYZ	72.8050, 88.6745, 101.2597
YIQ	233.4570, -38.5560, -17.1160

Conversions

Conversions Part 2

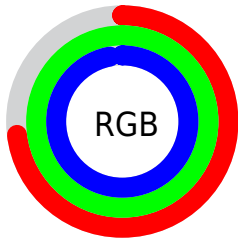
Format	Color
RYB	186, 223, 255
Decimal	12255223
CIELab	95.44, -22.88, -3.07
CIElCh	95, 23.083, 187.653
Yxy	88.6745, 0.2771, 0.3375
Android (android.graphics.Color)	4290445303 (0xFFBAFFF7)
YUV	233.4570, 6.6767, -41.6198
Hunter-Lab	94.1671, -26.7857, 2.1613

Details

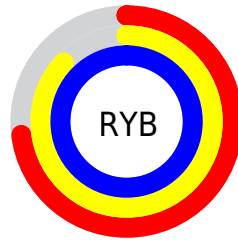
The Yxy color **88.6745, 0.2771, 0.3375** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.2977, 0.3647, 0.3208**, and the grayscale version is **81.8273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **48.9750, 0.2694, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **85.5816, 0.2659, 0.3411**, and if you desaturate by 10%, it is **92.3475, 0.2896, 0.3341**.

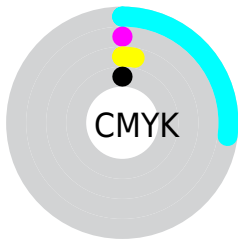
Distribution



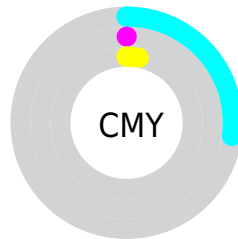
- Red (73%)
- Green (100%)
- Blue (97%)



- 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 88.6745, 0.2771, 0.3375 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 88.6745, 0.2771, 0.3375 by changing the saturation by 10% instead.


 88.6745, 0.2771,
0.3375

 88.6745, 0.2771,
0.3375


523.7096, 0.2929,
0.3339

 66.8818, 0.2736,
0.3383


 145.4958, 0.2825,
0.3363

 48.9886, 0.2695,
0.3392


181.2933, 0.2846,
0.3358

 34.6104, 0.2643,
0.3403


222.5278, 0.2864,
0.3354

 23.3629, 0.2577,
0.3417

269.5837, 0.2880,
0.3350

 14.8617, 0.2490,
0.3435

322.8454, 0.2895,
0.3347

 8.7224, 0.2371,
0.3458

382.6974, 0.2907,

 4.5606, 0.2199,

0.3344

0.3490

449.5240, 0.2919,
0.3341

1.9918, 0.1928,
0.3533

0.6027, 0.0097,
0.4050

88.6745, 0.2771,
0.3375

88.6745, 0.2771,
0.3375

85.5816, 0.2659,
0.3411

92.3475, 0.2896,
0.3341


83.0275, 0.2561,
0.3449


96.6177, 0.3029,
0.3310


80.9829, 0.2481,
0.3489


99.9979, 0.3127,
0.3290

79.4109, 0.2419,
0.3529

 78.2698, 0.2378,
0.3570

 77.5106, 0.2355,
0.3611

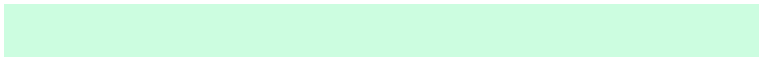
 77.0707, 0.2351,
0.3651

 76.9738, 0.2351,
0.3663

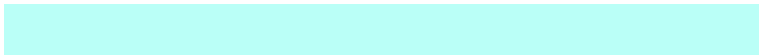
Harmonies

Analogous

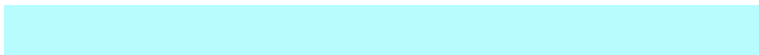
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.6745, 0.2988, 0.3603



88.6745, 0.2771, 0.3375



88.6745, 0.2650, 0.3132

Triad

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



88.6745, 0.2771, 0.3375



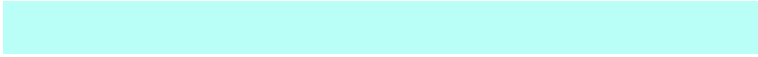
88.6745, 0.2990, 0.2885



88.6745, 0.3625, 0.3612

Complementary

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



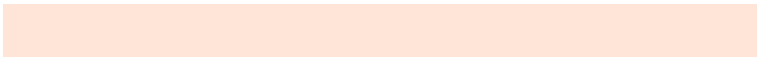
88.6745, 0.2771, 0.3375



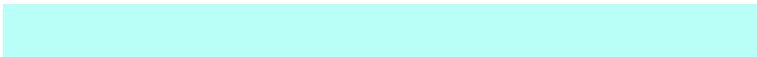
60.2977, 0.3647, 0.3208

Split Complementary

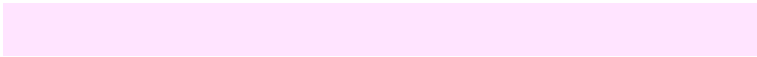
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.6745, 0.3629, 0.3414



88.6745, 0.2771, 0.3375



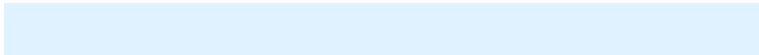
88.6745, 0.3254, 0.3005

Square

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



88.6745, 0.2771, 0.3375



88.6745, 0.2772, 0.2861



88.6745, 0.3491, 0.3195



88.6745, 0.3483, 0.3736

Rectangle

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



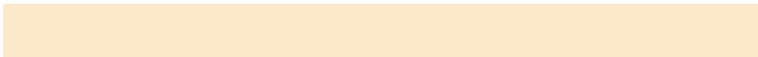
88.6745, 0.2771, 0.3375



88.6745, 0.2636, 0.2999



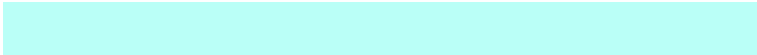
88.6745, 0.3491, 0.3195



88.6745, 0.3643, 0.3552

Sweetspot

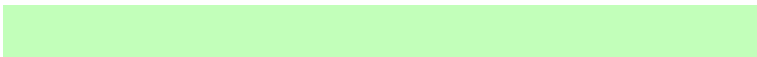
The Sweet Spot groups the original color and five complimentary colors.



88.6781, 0.2771, 0.3375



96.1824, 0.3016, 0.3313



86.5475, 0.3139, 0.4061



20.4430, 0.2996, 0.3318



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

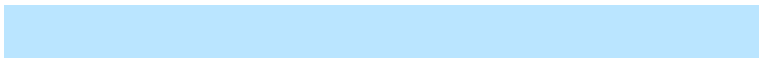
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.6781, 0.2771, 0.3375



87.0740, 0.2713, 0.3393



73.4657, 0.2703, 0.2999



20.4430, 0.2996, 0.3318



40.2361, 0.2349, 0.3657



3.9275, 0.2336, 0.3610

Inverse Universe

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



60.2977, 0.3647, 0.3208



54.7149, 0.3781, 0.3192



72.1350, 0.3644, 0.3564



18.0214, 0.3276, 0.3263



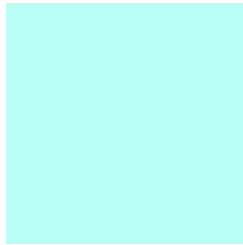
11.1676, 0.6262, 0.3223



1.0979, 0.6027, 0.3094

Previews

White Background



This preview shows how the Yxy color 88.6745, 0.2771, 0.3375 looks on a white background.

Color Contrast Check

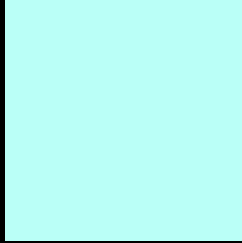
Large Text (above 18pt) WCAG AA × Fail

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 88.6745, 0.2771, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

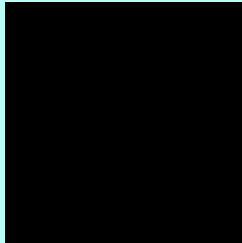
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.6745, 0.2771, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 88.6745, 0.2771, 0.3375.

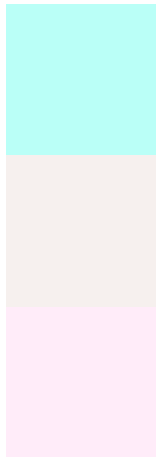


This preview shows how white text looks on a background with the Yxy color 88.6745, 0.2771, 0.3375.

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

88.6745, 0.2771, 0.3375

Protanopia

88.0861, 0.3179, 0.3310

Deuteranopia

88.0905, 0.3173, 0.3164



Tritanopia

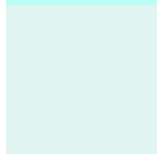
88.5037, 0.2920, 0.3198

Trichromacy



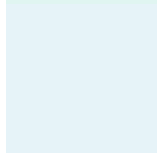
Original Color

88.6745, 0.2771, 0.3375



Protanomaly

87.5030, 0.3017, 0.3331



Deuteranomaly

87.7015, 0.3015, 0.3239



Tritanomaly

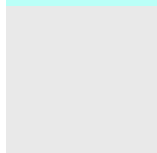
88.1895, 0.2862, 0.3258

Monochromacy



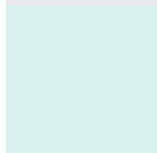
Original Color

88.6745, 0.2771, 0.3375



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.6826, 0.2985, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.6745, 0.2771, 0.3375 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 247) }
```

Border

The CSS property to change the border of an element to Yxy 88.6745, 0.2771, 0.3375 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, 247) }
```

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

```
.border{ border-color:rgb(186, 255, 247) }
```

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, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 88.6745, 0.2771, 0.3375 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, 247) }
```

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

```
.background{ background-color: rgb(186,  
255, 247) }
```

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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