

Converting Colors

$Yxy(98.9974, 0.2754, 0.3501)$

Have a look what the booklet for
Yxy(98.9974, 0.2754, 0.3501)
contains.

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Color

Yxy(88.5523, 0.2735, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	B7FFFB
RGB	183, 255, 251
RGB Percent	72%, 100%, 98%
CMY	0.2827, 0.0000, 0.0157
CMYK	0.28, 0.00, 0.02, 0.00
HSL	177°, 100%, 86%
HSV	177°, 28%, 100%
XYZ	72.6862, 88.5523, 104.5247
YIQ	233.0160, -41.6280, -16.5080

Conversions

Conversions Part 2

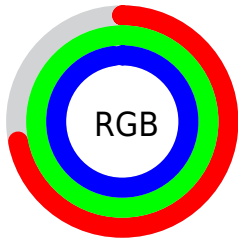
Format	Color
RYB	183, 220, 255
Decimal	12058619
CIELab	95.39, -22.91, -5.24
CIELCh	95, 23.497, 192.881
Yxy	88.5523, 0.2735, 0.3332
Android (android.graphics.Color)	4290248699 (0xFFB7FFFB)
YUV	233.0160, 8.8661, -43.8640
Hunter-Lab	94.1022, -26.8023, 0.0148

Details

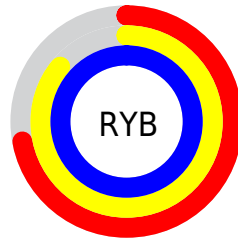
The Yxy color **88.5523, 0.2735, 0.3332** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.6796, 0.3717, 0.3250**, and the grayscale version is **81.4344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **48.9175, 0.2652, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **85.6066, 0.2618, 0.3349**, and if you desaturate by 10%, it is **92.0457, 0.2865, 0.3316**.

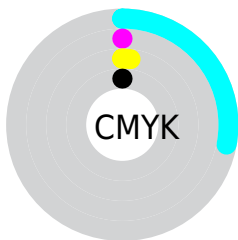
Distribution



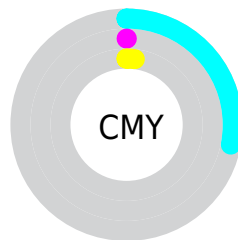
- Red (72%)
- Green (100%)
- Blue (98%)



- Red (72%)
- Yellow (86%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5523, 0.2735, 0.3332 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 88.5523, 0.2735, 0.3332 by changing the saturation by 10% instead.


 88.5523, 0.2735,
0.3332

 88.5523, 0.2735,
0.3332


523.3102, 0.2908,
0.3316

 66.7806, 0.2697,
0.3335


 145.3258, 0.2794,
0.3327

 48.9063, 0.2651,
0.3339


181.0964, 0.2817,
0.3325

 34.5452, 0.2595,
0.3343


222.3021, 0.2837,
0.3323

 23.3127, 0.2523,
0.3347

269.3272, 0.2855,
0.3321

 14.8246, 0.2428,
0.3352

322.5562, 0.2871,
0.3319

 8.6964, 0.2300,
0.3357

382.3734, 0.2885,

 4.5437, 0.2115,

0.3318

0.3360

449.1633, 0.2897,
0.3317

■ 1.9821, 0.1828,
0.3354

■ 0.5970, 0.0051,
0.3680

■ 88.5523, 0.2735,
0.3332

■ 88.5523, 0.2735,
0.3332

■ 85.6066, 0.2618,
0.3349

■ 92.0457, 0.2865,
0.3316


■ 83.2069, 0.2518,
0.3366


■ 96.1441, 0.3005,
0.3301


■ 81.3101, 0.2435,
0.3385

100.0000, 0.3127,
0.3290

■ 79.8789, 0.2372,
0.3404

 78.8709, 0.2329,
0.3422

 78.2358, 0.2304,
0.3441

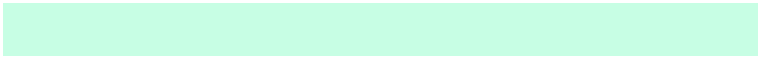
 77.9045, 0.2296,
0.3459

 77.8613, 0.2295,
0.3462

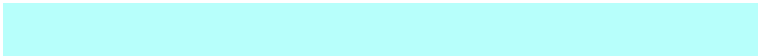
Harmonies

Analogous

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



88.5523, 0.2942, 0.3573



88.5523, 0.2735, 0.3332



88.5523, 0.2632, 0.3090

Triad

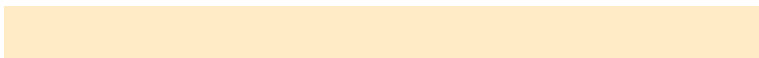
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5523, 0.2735, 0.3332



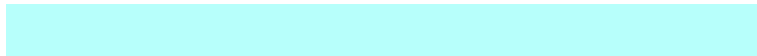
88.5523, 0.3033, 0.2892



88.5523, 0.3618, 0.3647

Complementary

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



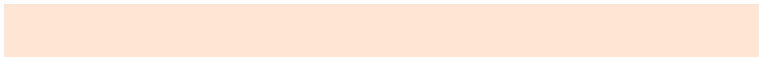
88.5523, 0.2735, 0.3332



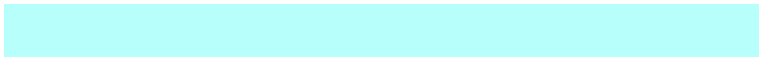
58.6796, 0.3717, 0.3250

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.



88.5523, 0.3649, 0.3454



88.5523, 0.2735, 0.3332



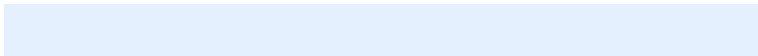
88.5523, 0.3303, 0.3029

Square

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



88.5523, 0.2735, 0.3332



88.5523, 0.2799, 0.2850



88.5523, 0.3532, 0.3231



88.5523, 0.3453, 0.3754

Rectangle

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



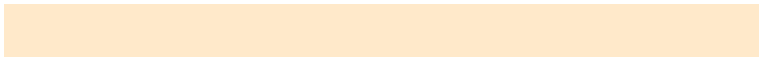
88.5523, 0.2735, 0.3332



88.5523, 0.2634, 0.2965



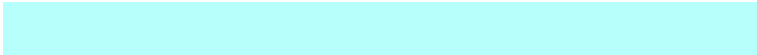
88.5523, 0.3532, 0.3231



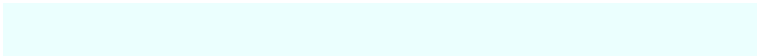
88.5523, 0.3645, 0.3589

Sweetspot

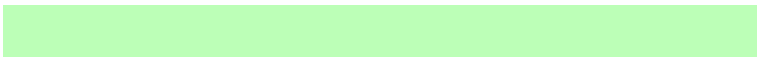
The Sweet Spot groups the original color and five complimentary colors.



88.5427, 0.2735, 0.3332



96.2614, 0.3009, 0.3301



85.5925, 0.3117, 0.4107



20.4630, 0.2988, 0.3303



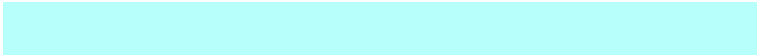
0.0000, 0.0000, 0.0000



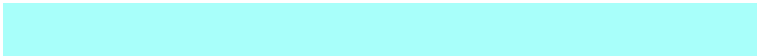
21.4041, 0.3127, 0.3290

Same Dimension

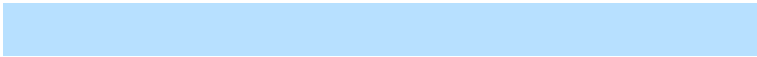
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5427, 0.2735, 0.3332



86.7916, 0.2666, 0.3341



70.4636, 0.2679, 0.2943



20.4630, 0.2988, 0.3303



40.6918, 0.2294, 0.3459



3.9671, 0.2288, 0.3438

Inverse Universe

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



58.6796, 0.3717, 0.3250



52.3977, 0.3888, 0.3242



72.8478, 0.3663, 0.3613



18.0034, 0.3286, 0.3277



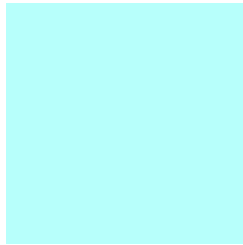
11.1321, 0.6345, 0.3269



1.0894, 0.6215, 0.3197

Previews

White Background



This preview shows how the Yxy color 88.5523, 0.2735, 0.3332 looks on a white background.

Color Contrast Check

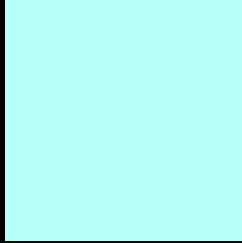
Large Text (above 18pt) WCAG AA × Fail

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 88.5523, 0.2735, 0.3332 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 88.5523, 0.2735, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 88.5523, 0.2735, 0.3332.

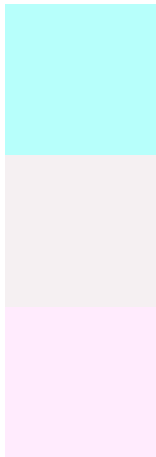


This preview shows how white text looks on a background with the Yxy color 88.5523, 0.2735, 0.3332.

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

88.5523, 0.2735, 0.3332

Protanopia

88.1435, 0.3148, 0.3270

Deuteranopia

87.7685, 0.3149, 0.3116



Tritanopia

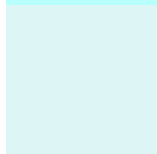
88.3472, 0.2914, 0.3198

Trichromacy



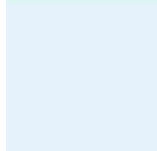
Original Color

88.5523, 0.2735, 0.3332



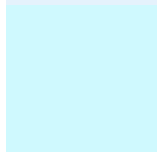
Protanomaly

87.4270, 0.2982, 0.3290



Deuteranomaly

87.1905, 0.2985, 0.3189



Tritanomaly

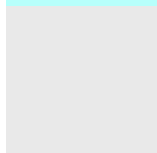
88.1725, 0.2845, 0.3237

Monochromacy



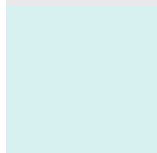
Original Color

88.5523, 0.2735, 0.3332



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.6489, 0.2967, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5523, 0.2735, 0.3332 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(183, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(183, 255, 251)  
}
```

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(183, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 255, 251) }
```

Border

The CSS property to change the border of an element to Yxy 88.5523, 0.2735, 0.3332 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(183, 255, 251) }
```

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

```
.border{ border-color:rgb(183, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(183, 255,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5523, 0.2735, 0.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 255, 251) }
```

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

```
.background{ background-color: rgb(183,  
255, 251) }
```

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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