

Converting Colors

$Yxy(99.0732, 0.2886, 0.3700)$

Have a look what the booklet for
Yxy(99.0732, 0.2886, 0.3700)
contains.

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Color

Yxy(88.5527, 0.2880, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	C0FFE8
RGB	192, 255, 232
RGB Percent	75%, 100%, 91%
CMY	0.2470, 0.0000, 0.0904
CMYK	0.25, 0.00, 0.09, 0.00
HSL	158°, 100%, 88%
HSV	158°, 25%, 100%
XYZ	72.0632, 88.5527, 89.6036
YIQ	233.5410, -30.1650, -20.5090

Conversions

Conversions Part 2

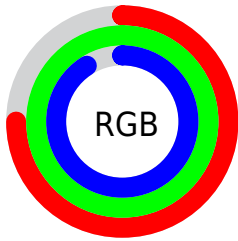
Format	Color
RYB	192, 231, 255
Decimal	12648424
CIELab	95.39, -24.22, 4.64
CIELCh	95, 24.656, 169.162
Yxy	88.5527, 0.2880, 0.3539
Android (android.graphics.Color)	4290838504 (0xFFC0FFE8)
YUV	233.5410, -0.7597, -36.4315
Hunter-Lab	94.1024, -27.9848, 9.4162

Details

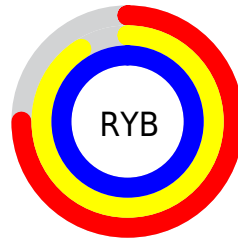
The Yxy color **88.5527, 0.2880, 0.3539** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.8815, 0.3461, 0.3055**, and the grayscale version is **81.9394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **48.8411, 0.2827, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **84.9916, 0.2791, 0.3657**, and if you desaturate by 10%, it is **92.7208, 0.2977, 0.3431**.

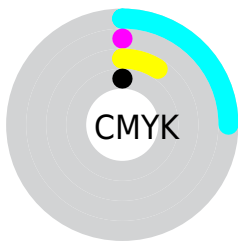
Distribution



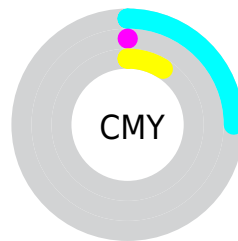
- Red (75%)
- Green (100%)
- Blue (91%)



- Red (75%)
- Yellow (91%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.5527, 0.2880, 0.3539 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 88.5527, 0.2880, 0.3539 by changing the saturation by 10% instead.

 88.5527, 0.2880,
0.3539

 88.5527, 0.2880,
0.3539


523.3115, 0.2991,
0.3426

 66.7809, 0.2855,
0.3564


 145.3264, 0.2918,
0.3500

 48.9066, 0.2825,
0.3595

181.0971, 0.2933,
0.3485

 34.5454, 0.2787,
0.3635


222.3028, 0.2946,
0.3472

 23.3129, 0.2739,
0.3685

269.3280, 0.2957,
0.3460

 14.8247, 0.2675,
0.3753

322.5571, 0.2967,
0.3450

 8.6965, 0.2585,
0.3849

382.3745, 0.2976,

 4.5437, 0.2451,

0.3441

0.3994

449.1645, 0.2984,
0.3433

■ 1.9821, 0.2231,
0.4240

■ 0.5971, 0.0000,
0.6468

■ 88.5527, 0.2880,
0.3539

■ 88.5527, 0.2880,
0.3539

■ 84.9916, 0.2791,
0.3657

■ 92.7208, 0.2977,
0.3431

■ 82.0041, 0.2714,
0.3785

■ 97.5206, 0.3078,
0.3333

■ 79.5585, 0.2650,
0.3920

■ 100.0000, 0.3127,
0.3290

■ 77.6184, 0.2604,
0.4060

■ 76.1431, 0.2578,
0.4204

■ 75.0851, 0.2572,
0.4347

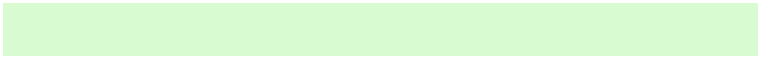
■ 74.3861, 0.2587,
0.4488

■ 74.1174, 0.2600,
0.4561

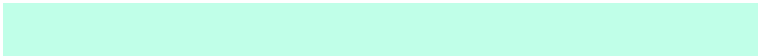
Harmonies

Analogous

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



88.5527, 0.3148, 0.3730



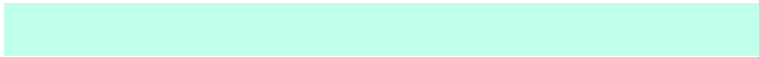
88.5527, 0.2880, 0.3539



88.5527, 0.2683, 0.3277

Triad

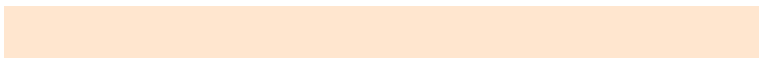
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5527, 0.2880, 0.3539



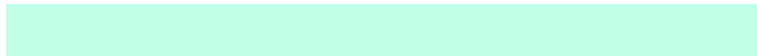
88.5527, 0.2828, 0.2829



88.5527, 0.3681, 0.3508

Complementary

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



88.5527, 0.2880, 0.3539



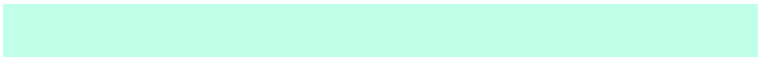
63.8815, 0.3461, 0.3055

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.



88.5527, 0.3589, 0.3276



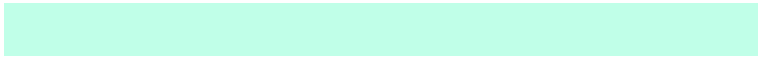
88.5527, 0.2880, 0.3539



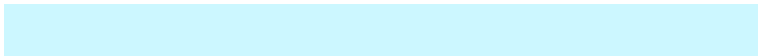
88.5527, 0.3087, 0.2897

Square

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



88.5527, 0.2880, 0.3539



88.5527, 0.2654, 0.2875



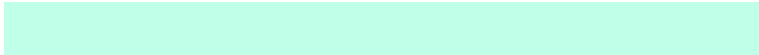
88.5527, 0.3368, 0.3057



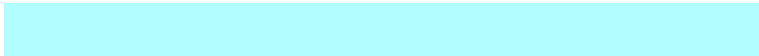
88.5527, 0.3617, 0.3697

Rectangle

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



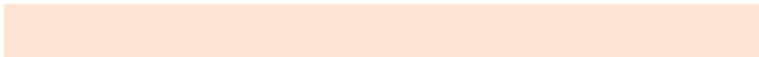
88.5527, 0.2880, 0.3539



88.5527, 0.2615, 0.3108



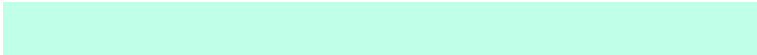
88.5527, 0.3368, 0.3057



88.5527, 0.3668, 0.3432

Sweetspot

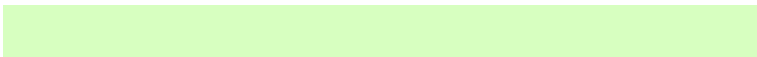
The Sweet Spot groups the original color and five complimentary colors.



88.5538, 0.2880, 0.3539



96.3567, 0.3055, 0.3354



89.7919, 0.3238, 0.3965



20.5603, 0.3048, 0.3360



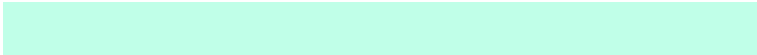
0.0000, 0.0000, 0.0000



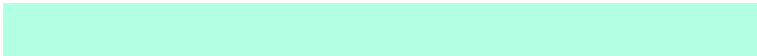
21.4041, 0.3127, 0.3290

Same Dimension

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



88.5538, 0.2880, 0.3539



86.5906, 0.2832, 0.3601



84.7095, 0.2755, 0.3199



20.3620, 0.3029, 0.3378



38.7577, 0.2594, 0.4539



3.7947, 0.2550, 0.4379

Inverse Universe

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



63.8815, 0.3461, 0.3055



57.7805, 0.3557, 0.3002



66.5722, 0.3629, 0.3378



18.0970, 0.3236, 0.3203



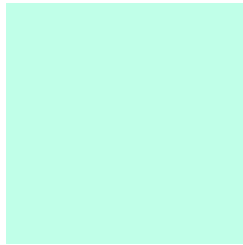
11.5508, 0.5521, 0.2815



1.1448, 0.5209, 0.2643

Previews

White Background



This preview shows how the Yxy color 88.5527, 0.2880, 0.3539 looks on a white background.

Color Contrast Check

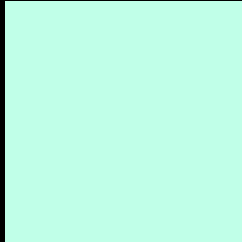
Large Text (above 18pt) WCAG AA × Fail

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 88.5527, 0.2880, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

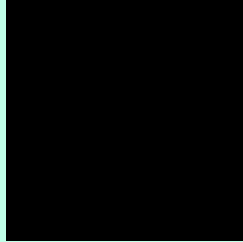
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.5527, 0.2880, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 88.5527, 0.2880, 0.3539.

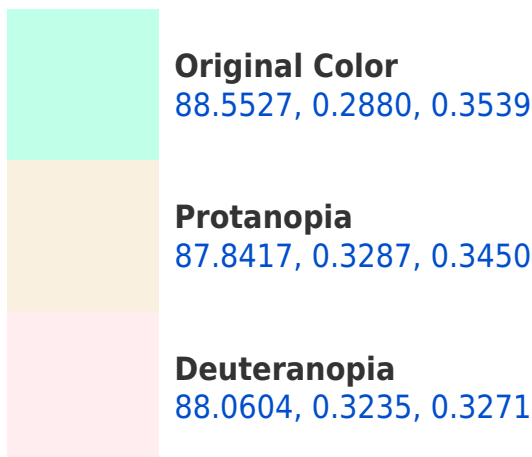


This preview shows how white text looks on a background with the Yxy color 88.5527, 0.2880, 0.3539.

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





Tritanopia

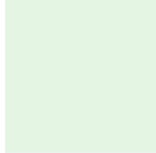
88.0544, 0.2926, 0.3188

Trichromacy



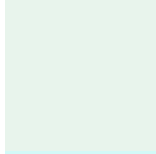
Original Color

88.5527, 0.2880, 0.3539



Protanomaly

87.3448, 0.3125, 0.3476



Deuteranomaly

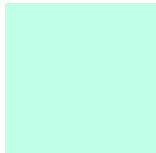
87.9133, 0.3098, 0.3372



Tritanomaly

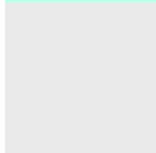
88.3156, 0.2906, 0.3310

Monochromacy



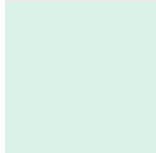
Original Color

88.5527, 0.2880, 0.3539



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.4475, 0.3033, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5527, 0.2880, 0.3539 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(192, 255, 232)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 232)  
}
```

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(192, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 232) }
```

Border

The CSS property to change the border of an element to Yxy 88.5527, 0.2880, 0.3539 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(192, 255, 232) }
```

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

```
.border{ border-color:rgb(192, 255, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 255, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5527, 0.2880, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 232) }
```

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

```
.background{ background-color: rgb(192,  
255, 232) }
```

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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