

Converting Colors

$Yxy(88.3775, 0.2930, 0.3622)$

Have a look what the booklet for
Yxy(88.3775, 0.2930, 0.3622)
contains.

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Color

Yxy(88.3712, 0.2933, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	C2FFE0
RGB	194, 255, 224
RGB Percent	76%, 100%, 88%
CMY	0.2392, 0.0000, 0.1215
CMYK	0.24, 0.00, 0.12, 0.00
HSL	150°, 100%, 88%
HSV	150°, 24%, 100%
XYZ	71.4620, 88.3712, 83.8150
YIQ	233.2270, -26.4050, -22.5730

Conversions

Conversions Part 2

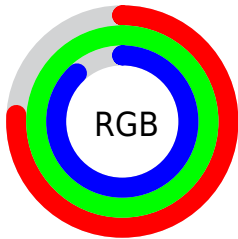
Format	Color
RYB	194, 235, 255
Decimal	12779488
CIELab	95.32, -25.16, 8.63
CIELCh	95, 26.599, 161.065
Yxy	88.3712, 0.2933, 0.3627
Android (android.graphics.Color)	4290969568 (0xFFC2FFE0)
YUV	233.2270, -4.5489, -34.4021
Hunter-Lab	94.0060, -28.8172, 12.9417

Details

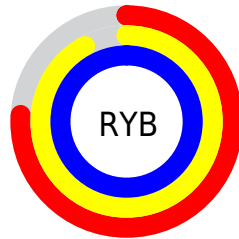
The Yxy color **88.3712, 0.2933, 0.3627** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.2775, 0.3380, 0.2976**, and the grayscale version is **81.7140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **48.7417, 0.2886, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **84.6051, 0.2860, 0.3794**, and if you desaturate by 10%, it is **92.7693, 0.3012, 0.3475**.

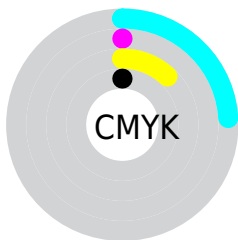
Distribution



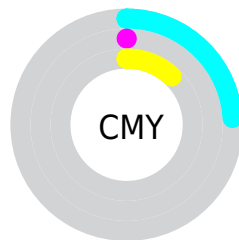
- Red (76%)
- Green (100%)
- Blue (88%)



- Red (76%)
- Yellow (92%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3712, 0.2933, 0.3627 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 88.3712, 0.2933, 0.3627 by changing the saturation by 10% instead.

 88.3712, 0.2933,
0.3627

 88.3712, 0.2933,
0.3627

522.7181, 0.3022,
0.3472

 66.6305, 0.2913,
0.3662


 145.0738, 0.2964,
0.3574

 48.7844, 0.2889,
0.3705

180.8046, 0.2975,
0.3553

 34.4485, 0.2858,
0.3759


221.9675, 0.2986,
0.3535

 23.2384, 0.2818,
0.3830

268.9469, 0.2995,
0.3519

 14.7696, 0.2764,
0.3926

322.1273, 0.3003,
0.3505

 8.6579, 0.2687,
0.4062

381.8930, 0.3010,

 4.5187, 0.2571,

0.3493

0.4272

448.6285, 0.3016,
0.3482

■ 1.9677, 0.2373,
0.4635

■ 0.5886, 0.0000,
0.9401

■ 88.3712, 0.2933,
0.3627

■ 88.3712, 0.2933,
0.3627

■ 84.6051, 0.2860,
0.3794

■ 92.7693, 0.3012,
0.3475


■ 81.4409, 0.2796,
0.3974

■ 97.8287, 0.3094,
0.3339


■ 78.8450, 0.2744,
0.4166


■ 100.0000, 0.3127,
0.3290

■ 76.7807, 0.2709,
0.4366

 75.2067, 0.2692,
0.4569

 74.0752, 0.2696,
0.4768

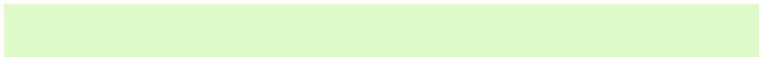
 73.3280, 0.2720,
0.4958

 73.0121, 0.2741,
0.5068

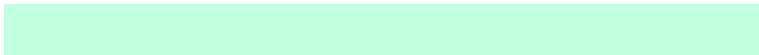
Harmonies

Analogous

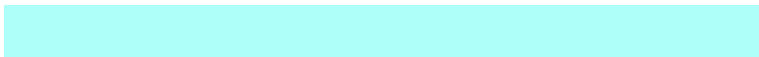
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3712, 0.3231, 0.3799



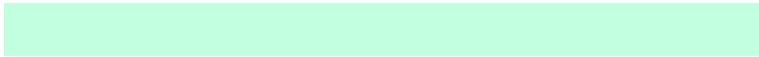
88.3712, 0.2933, 0.3627



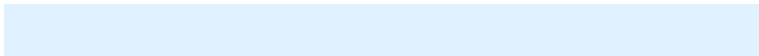
88.3712, 0.2695, 0.3354

Triad

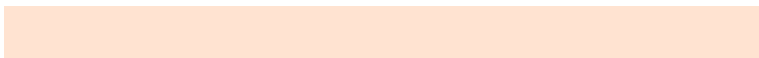
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3712, 0.2933, 0.3627



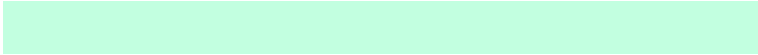
88.3712, 0.2743, 0.2795



88.3712, 0.3716, 0.3457

Complementary

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



88.3712, 0.2933, 0.3627



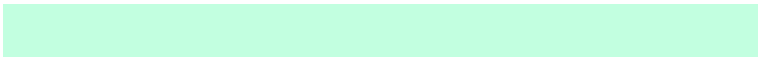
65.2775, 0.3380, 0.2976

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.



88.3712, 0.3573, 0.3207



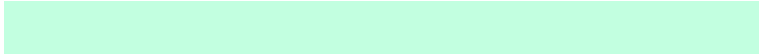
88.3712, 0.2933, 0.3627



88.3712, 0.3002, 0.2837

Square

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



88.3712, 0.2933, 0.3627



88.3712, 0.2590, 0.2877



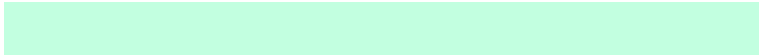
88.3712, 0.3307, 0.2985



88.3712, 0.3690, 0.3681

Rectangle

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



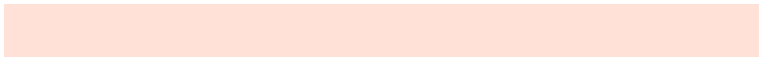
88.3712, 0.2933, 0.3627



88.3712, 0.2599, 0.3164



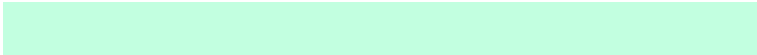
88.3712, 0.3307, 0.2985



88.3712, 0.3686, 0.3374

Sweetspot

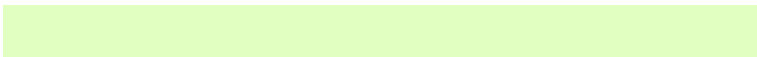
The Sweet Spot groups the original color and five complimentary colors.



88.3710, 0.2933, 0.3627



96.1999, 0.3069, 0.3380



91.5053, 0.3294, 0.3929



20.5240, 0.3064, 0.3388



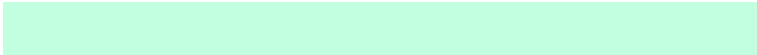
0.0000, 0.0000, 0.0000



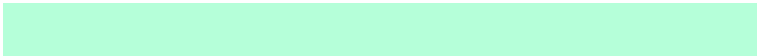
21.4041, 0.3127, 0.3290

Same Dimension

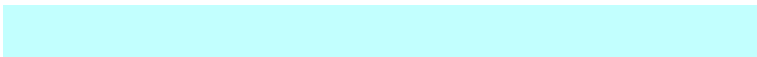
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3710, 0.2933, 0.3627



86.3819, 0.2895, 0.3710



90.1435, 0.2778, 0.3300



20.3172, 0.3048, 0.3413



38.1804, 0.2733, 0.5039



3.7395, 0.2675, 0.4828

Inverse Universe

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



65.2775, 0.3380, 0.2976



59.4226, 0.3449, 0.2907



63.7825, 0.3620, 0.3281



18.1411, 0.3214, 0.3170



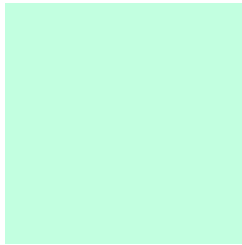
11.9750, 0.4930, 0.2490



1.1880, 0.4680, 0.2352

Previews

White Background



This preview shows how the Yxy color 88.3712, 0.2933, 0.3627 looks on a white background.

Color Contrast Check

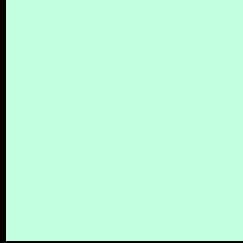
Large Text (above 18pt) WCAG AA × Fail

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 88.3712, 0.2933, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

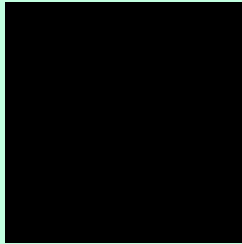
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

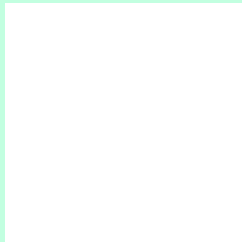
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.3712, 0.2933, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 88.3712, 0.2933, 0.3627.

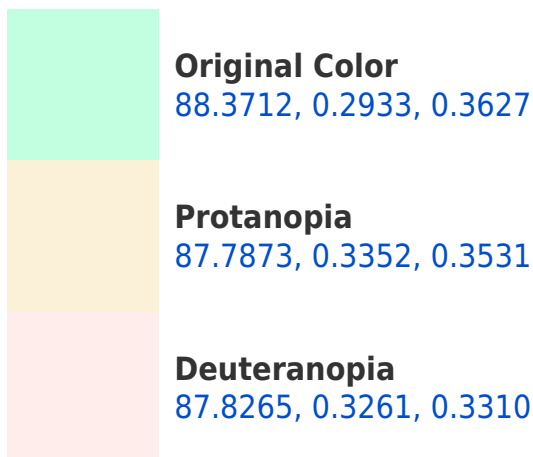


This preview shows how white text looks on a background with the Yxy color 88.3712, 0.2933, 0.3627.

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

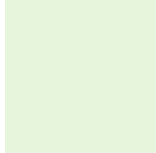
88.2128, 0.2932, 0.3188

Trichromacy



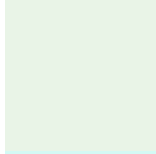
Original Color

88.3712, 0.2933, 0.3627



Protanomaly

87.2423, 0.3186, 0.3560



Deuteranomaly

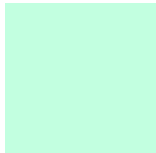
87.7945, 0.3134, 0.3423



Tritanomaly

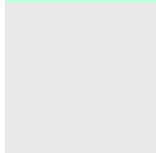
88.2801, 0.2928, 0.3342

Monochromacy



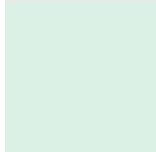
Original Color

88.3712, 0.2933, 0.3627



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.6838, 0.3051, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3712, 0.2933, 0.3627 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(194, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 224)  
}
```

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(194, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 224) }
```

Border

The CSS property to change the border of an element to Yxy 88.3712, 0.2933, 0.3627 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(194, 255, 224) }
```

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

```
.border{ border-color:rgb(194, 255, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3712, 0.2933, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 224) }
```

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

```
.background{ background-color: rgb(194,  
255, 224) }
```

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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