

Converting Colors

$Yxy(95.1917, 0.3115, 0.3868)$

Have a look what the booklet for
Yxy(95.1917, 0.3115, 0.3868)
contains.

Yxy(89.9230, 0.3122, 0.3793)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(89.9230, 0.3122, 0.3793)

Conversions

Conversions Part 1

Format	Color
Hex	D3FFD0
RGB	211, 255, 208
RGB Percent	83%, 100%, 82%
CMY	0.1725, 0.0000, 0.1843
CMYK	0.17, 0.00, 0.18, 0.00
HSL	116°, 100%, 91%
HSV	116°, 18%, 100%
XYZ	74.0152, 89.9230, 73.1380
YIQ	236.4860, -11.1370, -23.9450

Conversions

Conversions Part 2

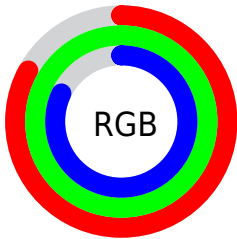
Format	Color
R_{YB}	208, 255, 252
Decimal	13893584
CIE _{Lab}	95.96, -22.60, 17.89
CIE _{LCh}	96, 28.822, 141.640
Yxy	89.9230, 0.3122, 0.3793
Android (android.graphics.Color)	4292083664 (0xFFD3FFD0)
YUV	236.4860, -14.0436, -22.3512
Hunter-Lab	94.8277, -26.6253, 20.6507

Details

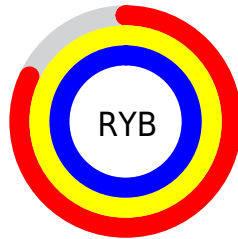
The Yxy color **89.9230, 0.3122, 0.3793** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.0319, 0.3127, 0.2828**, and the grayscale version is **84.3949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7892, 0.3114, 0.3902** is the 20% darker color. If you saturate the color by 10%, you get **85.5030, 0.3116, 0.4112**, and if you desaturate by 10%, it is **95.0758, 0.3126, 0.3506**.

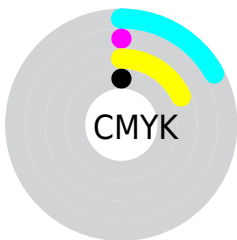
Distribution



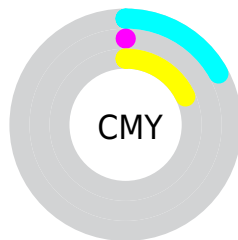
- Red (83%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (99%)



- Cyan (17%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.9230, 0.3122, 0.3793 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 89.9230, 0.3122, 0.3793 by changing the saturation by 10% instead.

 89.9230, 0.3122,
0.3793

 89.9230, 0.3122,
0.3793

527.7803, 0.3128,
0.3561

 67.9168, 0.3120,
0.3846

147.2314, 0.3125,
0.3713

 49.8300, 0.3116,
0.3910


183.3024, 0.3126,
0.3682

 35.2784, 0.3112,
0.3992

224.8305, 0.3126,
0.3655

 23.8774, 0.3104,
0.4098

272.2000, 0.3127,
0.3631

 15.2427, 0.3092,
0.4242

325.7953, 0.3127,
0.3611

 8.9899, 0.3072,
0.4446

386.0009, 0.3128,

 4.7346, 0.3031,

0.3592

0.4759

453.2011, 0.3128,
0.3576

■ 2.0924, 0.2958,
0.5327

■ 0.6603, 0.1031,
0.8969

■ 89.9230, 0.3122,
0.3793

■ 89.9230, 0.3122,
0.3793

■ 85.5030, 0.3116,
0.4112

■ 95.0758, 0.3126,
0.3506

■ 81.7718, 0.3107,
0.4457

99.9996, 0.3127,
0.3290

■ 78.6980, 0.3096,
0.4814

■ 76.2434, 0.3081,
0.5162

■ 74.3660, 0.3063,
0.5475

■ 73.0183, 0.3045,
0.5727

■ 72.1455, 0.3026,
0.5897

■ 71.6781, 0.3011,
0.5983

■ 71.6328, 0.3010,
0.5992

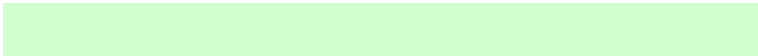
Harmonies

Analogous

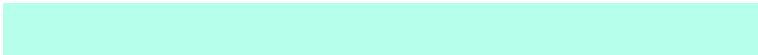
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9230, 0.3440, 0.3869



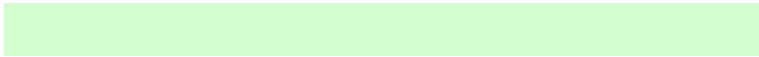
89.9230, 0.3122, 0.3793



89.9230, 0.2816, 0.3557

Triad

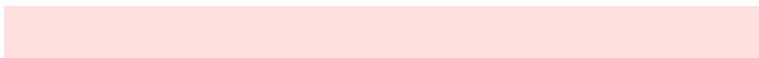
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9230, 0.3122, 0.3793



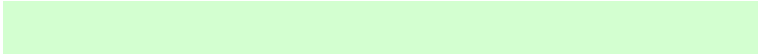
89.9230, 0.2592, 0.2800



89.9230, 0.3681, 0.3293

Complementary

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



89.9230, 0.3122, 0.3793



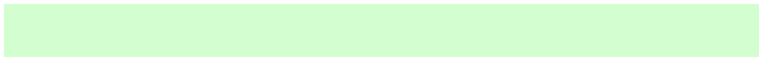
73.0319, 0.3127, 0.2828

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.



89.9230, 0.3432, 0.3039



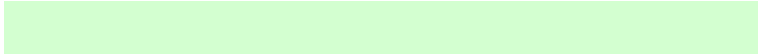
89.9230, 0.3122, 0.3793



89.9230, 0.2801, 0.2760

Square

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



89.9230, 0.3122, 0.3793



89.9230, 0.2521, 0.2971



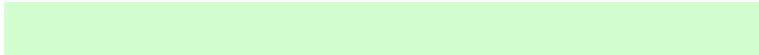
89.9230, 0.3106, 0.2848



89.9230, 0.3773, 0.3559

Rectangle

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



89.9230, 0.3122, 0.3793



89.9230, 0.2659, 0.3352



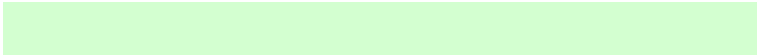
89.9230, 0.3106, 0.2848



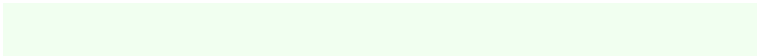
89.9230, 0.3612, 0.3205

Sweetspot

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



89.9268, 0.3122, 0.3793



96.4380, 0.3126, 0.3441



95.3520, 0.3411, 0.3721



20.5623, 0.3126, 0.3458



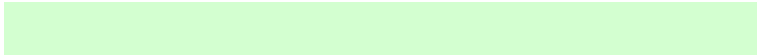
0.0000, 0.0000, 0.0000



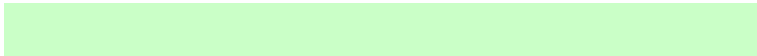
21.4041, 0.3127, 0.3290

Same Dimension

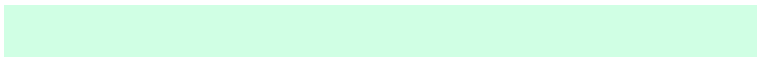
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.9268, 0.3122, 0.3793



88.2645, 0.3120, 0.3904



90.5538, 0.2991, 0.3572



20.2237, 0.3125, 0.3535



37.4507, 0.3013, 0.5990



3.6650, 0.3044, 0.5965

Inverse Universe

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



73.0319, 0.3127, 0.2828



68.6055, 0.3126, 0.2737



72.3558, 0.3291, 0.3024



18.2376, 0.3128, 0.3055



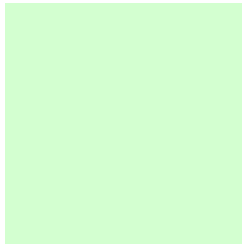
13.3560, 0.3049, 0.1453



1.3176, 0.3068, 0.1464

Previews

White Background



This preview shows how the Yxy color 89.9230, 0.3122, 0.3793 looks on a white background.

Color Contrast Check

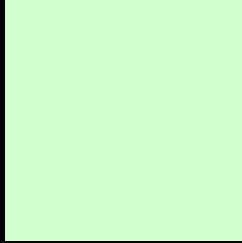
Large Text (above 18pt) WCAG AA × Fail

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 89.9230, 0.3122, 0.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

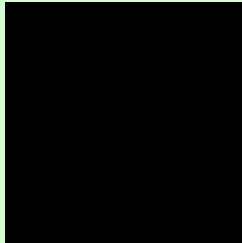
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

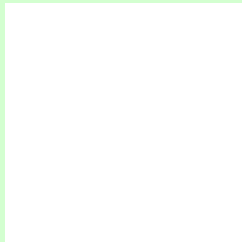
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.9230, 0.3122, 0.3793

Background



This preview shows how black text looks on a background with the Yxy color 89.9230, 0.3122, 0.3793.

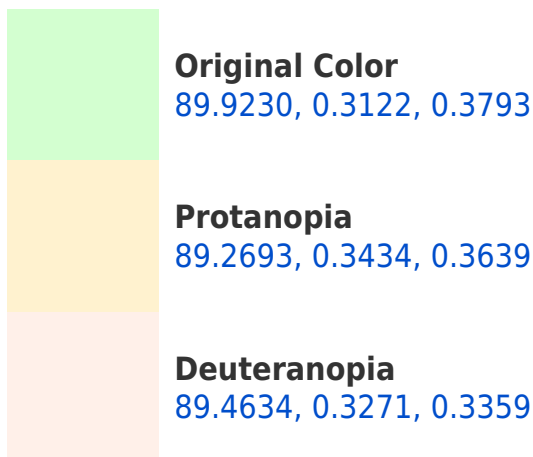


This preview shows how white text looks on a background with the Yxy color 89.9230, 0.3122, 0.3793.

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

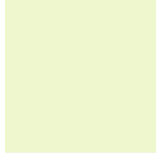
89.6806, 0.2987, 0.3190

Trichromacy



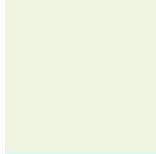
Original Color

89.9230, 0.3122, 0.3793



Protanomaly

89.3772, 0.3317, 0.3700



Deuteranomaly

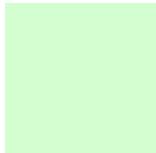
89.0374, 0.3215, 0.3503



Tritanomaly

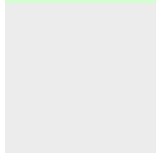
89.7717, 0.3034, 0.3403

Monochromacy



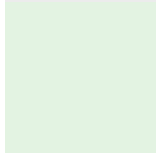
Original Color

89.9230, 0.3122, 0.3793



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.9231, 0.3125, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.9230, 0.3122, 0.3793 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(211, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 208)  
}
```

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(211, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 208) }
```

Border

The CSS property to change the border of an element to Yxy 89.9230, 0.3122, 0.3793 is called "border". The border property can be set on classes, ids or directly on the HTML element.

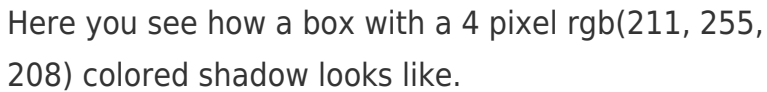
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 255, 208) }
```

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

```
.border{ border-color:rgb(211, 255, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(211, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 89.9230, 0.3122, 0.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 208) }
```

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

```
.background{ background-color: rgb(211,  
255, 208) }
```

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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