

Converting Colors

$Y_{xy}(103.2919, 0.3094, 0.3957)$

Have a look what the booklet for
Yxy(103.2919, 0.3094, 0.3957)
contains.

Yxy(89.9248, 0.3099, 0.3761)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(89.9248, 0.3099, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	D2FFD3
RGB	210, 255, 211
RGB Percent	82%, 100%, 83%
CMY	0.1765, 0.0000, 0.1726
CMYK	0.18, 0.00, 0.17, 0.00
HSL	121°, 100%, 91%
HSV	121°, 18%, 100%
XYZ	74.0965, 89.9248, 75.0768
YIQ	236.5290, -12.6960, -23.2240

Conversions

Conversions Part 2

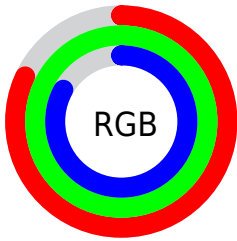
Format	Color
R_{YB}	210, 254, 255
Decimal	13828051
CIE _{Lab}	95.97, -22.44, 16.35
CIE _{LCh}	96, 27.763, 143.910
Yxy	89.9248, 0.3099, 0.3761
Android (android.graphics.Color)	4292018131 (0xFFD2FFD3)
YUV	236.5290, -12.5858, -23.2659
Hunter-Lab	94.8287, -26.4753, 19.4396

Details

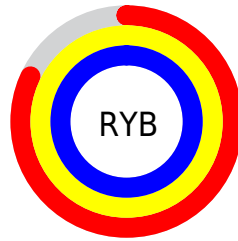
The Yxy color **89.9248, 0.3099, 0.3761** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.5119, 0.3154, 0.2860**, and the grayscale version is **84.4133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7570, 0.3092, 0.3874** is the 20% darker color. If you saturate the color by 10%, you get **85.3205, 0.3081, 0.4075**, and if you desaturate by 10%, it is **95.3206, 0.3116, 0.3481**.

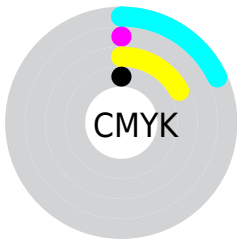
Distribution



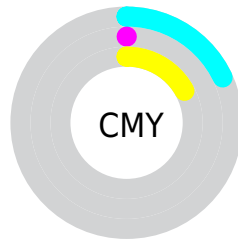
- Red (82%)
- Green (100%)
- Blue (83%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.9248, 0.3099, 0.3761 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 89.9248, 0.3099, 0.3761 by changing the saturation by 10% instead.


 89.9248, 0.3099,
0.3761

 89.9248, 0.3099,
0.3761


527.7862, 0.3115,
0.3544

 67.9183, 0.3095,
0.3810


147.2339, 0.3105,
0.3686

 49.8313, 0.3089,
0.3871


183.3053, 0.3107,
0.3657

 35.2793, 0.3081,
0.3947


224.8338, 0.3109,
0.3632

 23.8781, 0.3070,
0.4046

272.2038, 0.3111,
0.3610

 15.2432, 0.3054,
0.4181

325.7996, 0.3112,
0.3590

 8.9903, 0.3028,
0.4372

386.0057, 0.3113,

 4.7348, 0.2980,

0.3573

0.4665

453.2064, 0.3114,
0.3558

■ 2.0925, 0.2888,
0.5179

■ 0.6604, 0.1081,
0.8919

■ 89.9248, 0.3099,
0.3761

■ 89.9248, 0.3099,
0.3761

■ 85.3205, 0.3081,
0.4075

■ 95.3206, 0.3116,
0.3481

■ 81.4690, 0.3063,
0.4416

100.0000, 0.3127,
0.3290

■ 78.3306, 0.3044,
0.4772

■ 75.8616, 0.3027,
0.5123

■ 74.0134, 0.3013,
0.5443

■ 72.7309, 0.3003,
0.5704

■ 71.9493, 0.2999,
0.5884

■ 71.5841, 0.2998,
0.5978

■ 71.5323, 0.2997,
0.5991

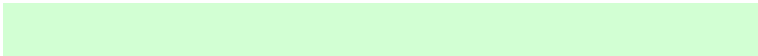
Harmonies

Analogous

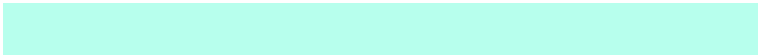
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9248, 0.3407, 0.3848



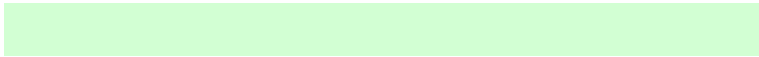
89.9248, 0.3099, 0.3761



89.9248, 0.2808, 0.3526

Triad

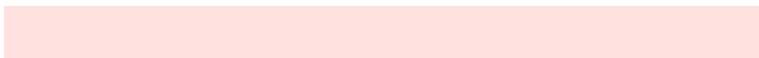
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9248, 0.3099, 0.3761



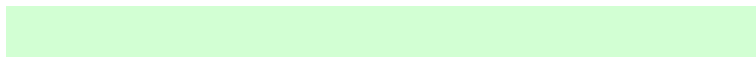
89.9248, 0.2622, 0.2810



89.9248, 0.3673, 0.3314

Complementary

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



89.9248, 0.3099, 0.3761



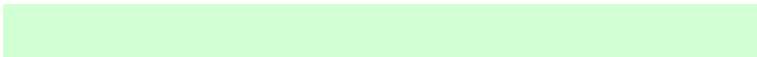
74.5119, 0.3154, 0.2860

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.



89.9248, 0.3442, 0.3065



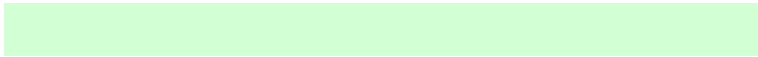
89.9248, 0.3099, 0.3761



89.9248, 0.2833, 0.2781

Square

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



89.9248, 0.3099, 0.3761



89.9248, 0.2542, 0.2966



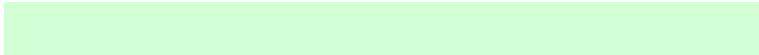
89.9248, 0.3131, 0.2874



89.9248, 0.3749, 0.3569

Rectangle

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



89.9248, 0.3099, 0.3761



89.9248, 0.2662, 0.3327



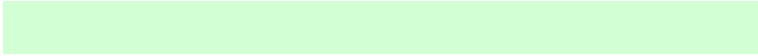
89.9248, 0.3131, 0.2874



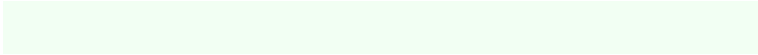
89.9248, 0.3611, 0.3227

Sweetspot

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



89.9254, 0.3099, 0.3761



96.8843, 0.3120, 0.3412



97.2914, 0.3389, 0.3731



20.6471, 0.3119, 0.3430



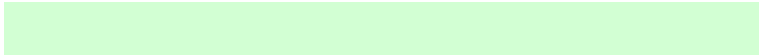
0.0000, 0.0000, 0.0000



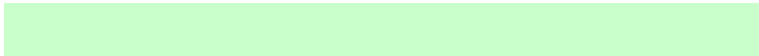
21.4041, 0.3127, 0.3290

Same Dimension

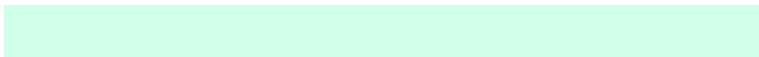
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.9254, 0.3099, 0.3761



88.2942, 0.3093, 0.3863



91.1200, 0.2976, 0.3518



20.1747, 0.3113, 0.3530



37.3800, 0.2996, 0.5987



3.6417, 0.2987, 0.5955

Inverse Universe

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



74.5119, 0.3154, 0.2860



70.3876, 0.3160, 0.2777



73.1678, 0.3310, 0.3073



18.2931, 0.3142, 0.3061



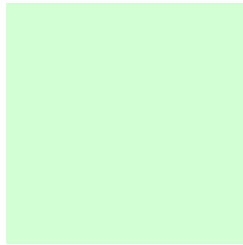
14.6980, 0.3265, 0.1572



1.4332, 0.3258, 0.1569

Previews

White Background



This preview shows how the Yxy color 89.9248, 0.3099, 0.3761 looks on a white background.

Color Contrast Check

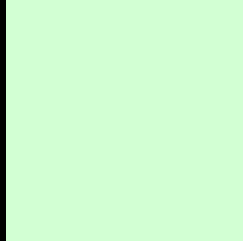
Large Text (above 18pt) WCAG AA × Fail

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 89.9248, 0.3099, 0.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

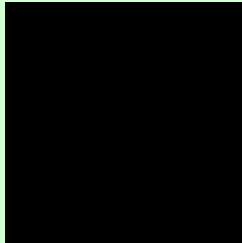
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

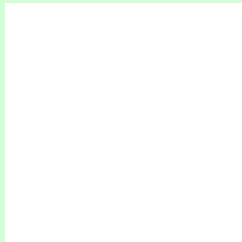
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.9248, 0.3099, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 89.9248, 0.3099, 0.3761.

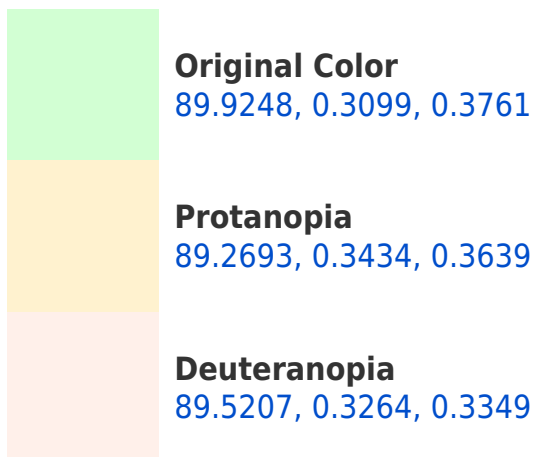


This preview shows how white text looks on a background with the Yxy color 89.9248, 0.3099, 0.3761.

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

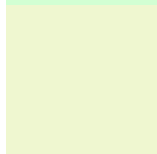
89.6806, 0.2987, 0.3190

Trichromacy



Original Color

89.9248, 0.3099, 0.3761



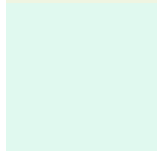
Protanomaly

89.4263, 0.3311, 0.3690



Deuteranomaly

89.1465, 0.3203, 0.3483



Tritanomaly

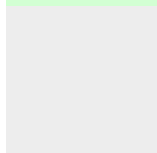
89.8307, 0.3029, 0.3392

Monochromacy



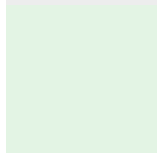
Original Color

89.9248, 0.3099, 0.3761



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.6337, 0.3113, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.9248, 0.3099, 0.3761 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(210, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 211)  
}
```

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(210, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 211) }
```

Border

The CSS property to change the border of an element to Yxy 89.9248, 0.3099, 0.3761 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(210, 255, 211) }
```

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

```
.border{ border-color:rgb(210, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 89.9248, 0.3099, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 211) }
```

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

```
.background{ background-color: rgb(210,  
255, 211) }
```

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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