

Converting Colors

$Yxy(89.9676, 0.3074, 0.3724)$

Have a look what the booklet for
Yxy(89.9676, 0.3074, 0.3724)
contains.

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Color

Yxy(89.9303, 0.3076, 0.3729)

Conversions

Conversions Part 1

Format	Color
Hex	D1FFD6
RGB	209, 255, 214
RGB Percent	82%, 100%, 84%
CMY	0.1805, 0.0000, 0.1609
CMYK	0.18, 0.00, 0.16, 0.00
HSL	127°, 100%, 91%
HSV	127°, 18%, 100%
XYZ	74.1822, 89.9303, 77.0521
YIQ	236.5720, -14.2550, -22.5030

Conversions

Conversions Part 2

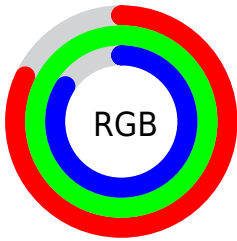
Format	Color
R_{YB}	209, 250, 255
Decimal	13762518
CIE _{Lab}	95.97, -22.27, 14.82
CIE _{LCh}	96, 26.749, 146.351
Yxy	89.9303, 0.3076, 0.3729
Android (android.graphics.Color)	4291952598 (0xFFD1FFD6)
YUV	236.5720, -11.1280, -24.1806
Hunter-Lab	94.8316, -26.3232, 18.2081

Details

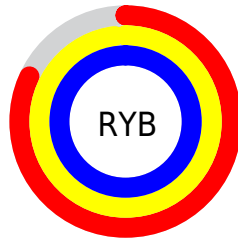
The Yxy color **89.9303, 0.3076, 0.3729** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.7452, 0.3183, 0.2887**, and the grayscale version is **84.4264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7614, 0.3063, 0.3832** is the 20% darker color. If you saturate the color by 10%, you get **85.4174, 0.3047, 0.4015**, and if you desaturate by 10%, it is **95.1883, 0.3105, 0.3473**.

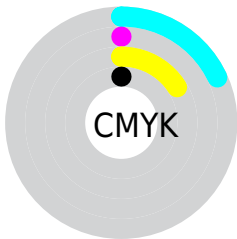
Distribution



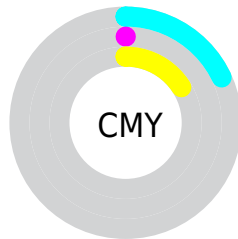
- Red (82%)
- Green (100%)
- Blue (84%)



- Red (82%)
- Yellow (98%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.9303, 0.3076, 0.3729 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 89.9303, 0.3076, 0.3729 by changing the saturation by 10% instead.


 89.9303, 0.3076,
0.3729

 89.9303, 0.3076,
0.3729


527.8041, 0.3102,
0.3527

 67.9228, 0.3070,
0.3775


147.2416, 0.3085,
0.3659

 49.8350, 0.3061,
0.3831


183.3142, 0.3089,
0.3632

 35.2823, 0.3051,
0.3902


224.8439, 0.3092,
0.3609

 23.8804, 0.3036,
0.3994

272.2153, 0.3094,
0.3588

 15.2449, 0.3015,
0.4119

325.8126, 0.3097,
0.3570

 8.9915, 0.2983,
0.4297


386.0202, 0.3099,


 4.7356, 0.2929,


0.3554


0.4570


453.2226, 0.3100,
0.3540


 2.0930, 0.2822,
0.5039


 0.6607, 0.1132,
0.8868

 89.9303, 0.3076,
0.3729

 89.9303, 0.3076,
0.3729


 85.4174, 0.3047,
0.4015

 95.1883, 0.3105,
0.3473

 81.6328, 0.3020,
0.4327

100.0000, 0.3127,
0.3290

 78.5327, 0.2995,
0.4656

 76.0760, 0.2976,
0.4987

■ 74.2172, 0.2965,
0.5301

■ 72.9048, 0.2962,
0.5573

■ 72.0782, 0.2968,
0.5783

■ 71.6574, 0.2981,
0.5919

■ 71.6028, 0.2983,
0.5938

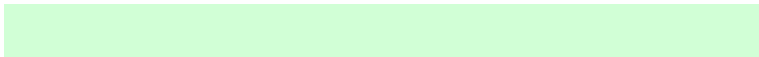
Harmonies

Analogous

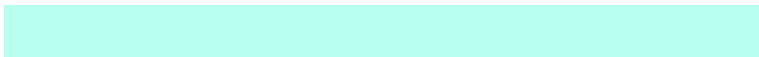
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9303, 0.3375, 0.3826



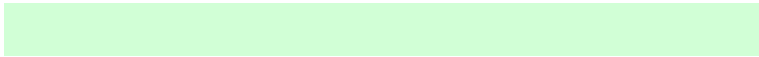
89.9303, 0.3076, 0.3729



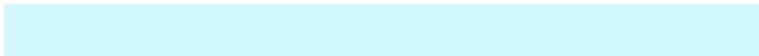
89.9303, 0.2800, 0.3495

Triad

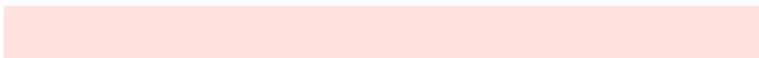
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9303, 0.3076, 0.3729



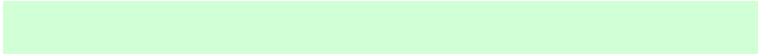
89.9303, 0.2652, 0.2820



89.9303, 0.3665, 0.3334

Complementary

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



89.9303, 0.3076, 0.3729



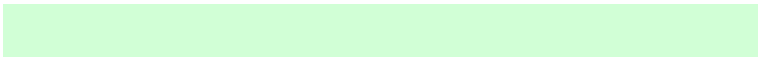
73.7452, 0.3183, 0.2887

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.



89.9303, 0.3453, 0.3091



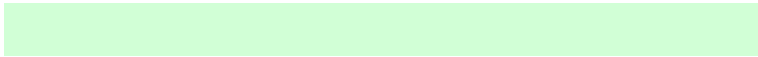
89.9303, 0.3076, 0.3729



89.9303, 0.2864, 0.2802

Square

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



89.9303, 0.3076, 0.3729



89.9303, 0.2564, 0.2962



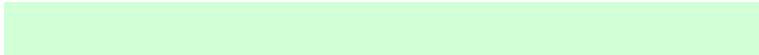
89.9303, 0.3156, 0.2901



89.9303, 0.3724, 0.3578

Rectangle

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



89.9303, 0.3076, 0.3729



89.9303, 0.2664, 0.3302



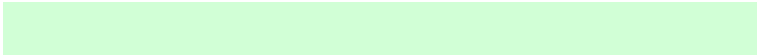
89.9303, 0.3156, 0.2901



89.9303, 0.3609, 0.3250

Sweetspot

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



89.9243, 0.3076, 0.3729



96.9513, 0.3113, 0.3401



96.5191, 0.3369, 0.3745



20.6633, 0.3111, 0.3418



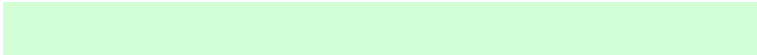
0.0000, 0.0000, 0.0000



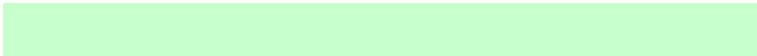
21.4041, 0.3127, 0.3290

Same Dimension

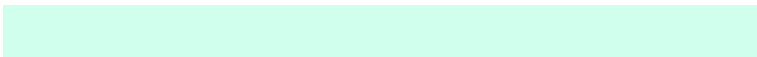
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.9243, 0.3076, 0.3729



88.0568, 0.3065, 0.3838



91.1605, 0.2952, 0.3483



20.2003, 0.3101, 0.3508



37.4243, 0.2979, 0.5924



3.6539, 0.2940, 0.5783

Inverse Universe

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



73.7452, 0.3183, 0.2887



68.8935, 0.3196, 0.2797



72.4110, 0.3343, 0.3105



18.2643, 0.3155, 0.3081



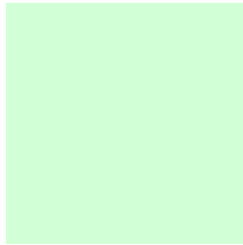
14.0269, 0.3505, 0.1704



1.3751, 0.3467, 0.1683

Previews

White Background



This preview shows how the Yxy color 89.9303, 0.3076, 0.3729 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 89.9303, 0.3076, 0.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

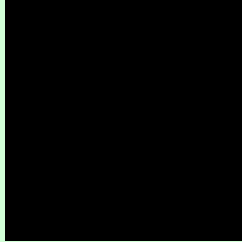
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

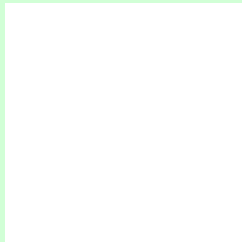
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.9303, 0.3076, 0.3729

Background



This preview shows how black text looks on a background with the Yxy color 89.9303, 0.3076, 0.3729.

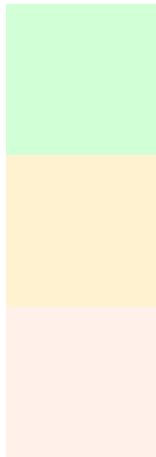


This preview shows how white text looks on a background with the Yxy color 89.9303, 0.3076, 0.3729.

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

89.9303, 0.3076, 0.3729

Protanopia

89.3183, 0.3428, 0.3628

Deuteranopia

89.5207, 0.3264, 0.3349



Tritanopia

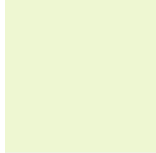
89.5137, 0.2981, 0.3190

Trichromacy



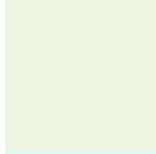
Original Color

89.9303, 0.3076, 0.3729



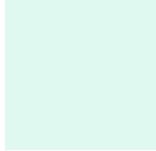
Protanomaly

89.3518, 0.3292, 0.3669



Deuteranomaly

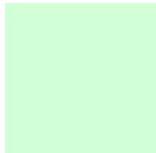
89.0280, 0.3190, 0.3473



Tritanomaly

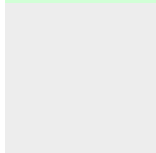
89.7306, 0.3017, 0.3382

Monochromacy



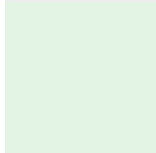
Original Color

89.9303, 0.3076, 0.3729



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.6894, 0.3107, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.9303, 0.3076, 0.3729 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(209, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 214)  
}
```

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(209, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 214) }
```

Border

The CSS property to change the border of an element to Yxy 89.9303, 0.3076, 0.3729 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(209, 255, 214) }
```

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

```
.border{ border-color:rgb(209, 255, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 255, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 89.9303, 0.3076, 0.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 255, 214) }
```

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

```
.background{ background-color: rgb(209,  
255, 214) }
```

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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