

Converting Colors

$Yxy(89.5273, 0.2986, 0.3495)$

Have a look what the booklet for
Yxy(89.5273, 0.2986, 0.3495)
contains.

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Color

Yxy(89.3529, 0.2983, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	D3FCE9
RGB	211, 252, 233
RGB Percent	83%, 99%, 91%
CMY	0.1727, 0.0117, 0.0863
CMYK	0.16, 0.00, 0.08, 0.01
HSL	152°, 87%, 91%
HSV	152°, 16%, 99%
XYZ	76.3724, 89.3529, 90.3002
YIQ	237.5750, -18.3370, -14.6010

Conversions

Conversions Part 2

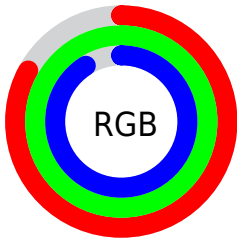
Format	Color
R_{YB}	211, 238, 252
Decimal	13892841
CIE _{Lab}	95.73, -16.75, 4.73
CIE _{LCh}	96, 17.401, 164.232
Yxy	89.3529, 0.2983, 0.3490
Android (android.graphics.Color)	4292082921 (0xFFD3FCE9)
YUV	237.5750, -2.2555, -23.3063
Hunter-Lab	94.5267, -21.2034, 9.5296

Details

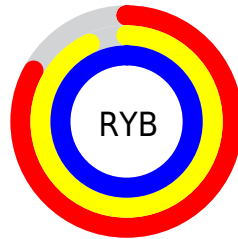
The Yxy color **89.3529, 0.2983, 0.3490** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.9818, 0.3299, 0.3098**, and the grayscale version is **85.1795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.2725, 0.2953, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **85.2767, 0.2899, 0.3631**, and if you desaturate by 10%, it is **94.0643, 0.3071, 0.3363**.

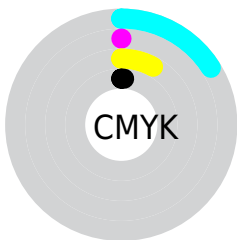
Distribution



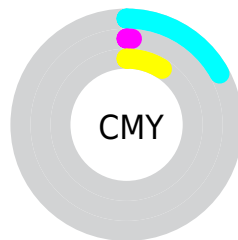
- Red (83%)
- Green (99%)
- Blue (91%)



- Red (83%)
- Yellow (93%)
- Blue (99%)



- Cyan (16%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)





- Cyan (17%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.3529, 0.2983, 0.3490 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 89.3529, 0.2983, 0.3490 by changing the saturation by 10% instead.


 89.3529, 0.2983,
0.3490

 89.3529, 0.2983,
0.3490


525.9236, 0.3048,
0.3399

 67.4441, 0.2969,
0.3510

146.4392, 0.3005,
0.3459

 49.4456, 0.2951,
0.3535


182.3855, 0.3014,
0.3447

 34.9731, 0.2929,
0.3566


223.7797, 0.3022,
0.3436

 23.6421, 0.2900,
0.3606

271.0062, 0.3028,
0.3427

 15.0684, 0.2862,
0.3660

324.4495, 0.3034,
0.3419

 8.8674, 0.2809,
0.3736

384.4939, 0.3039,

 4.6548, 0.2730,

0.3412

451.5238, 0.3044,
0.3405

0.3851

2.0462, 0.2598,
0.4044

0.6341, 0.1632,
0.5338

89.3529, 0.2983,
0.3490

89.3529, 0.2983,
0.3490

85.2767, 0.2899,
0.3631

94.0643, 0.3071,
0.3363

81.7965, 0.2823,
0.3785

98.1107, 0.3128,
0.3262

78.8858, 0.2757,
0.3951

76.5119, 0.2705,
0.4127

■ 74.6384, 0.2671,
0.4309

■ 73.2242, 0.2655,
0.4494

■ 72.2214, 0.2661,
0.4676

■ 71.5705, 0.2686,
0.4850

■ 71.3854, 0.2698,
0.4913

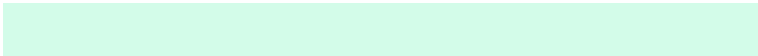
Harmonies

Analogous

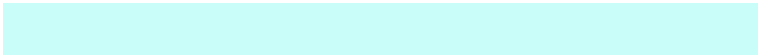
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.3529, 0.3177, 0.3609



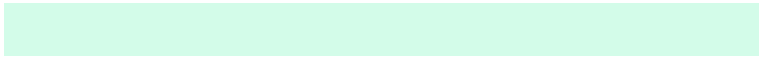
89.3529, 0.2983, 0.3490



89.3529, 0.2831, 0.3314

Triad

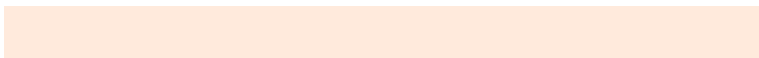
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.3529, 0.2983, 0.3490



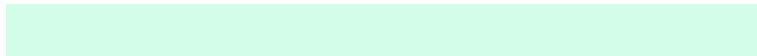
89.3529, 0.2891, 0.2962



89.3529, 0.3512, 0.3422

Complementary

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



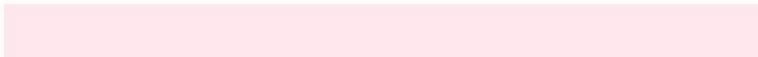
89.3529, 0.2983, 0.3490



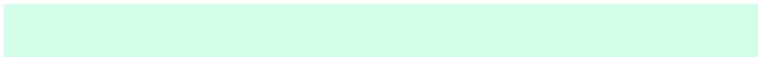
72.9818, 0.3299, 0.3098

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.



89.3529, 0.3431, 0.3255



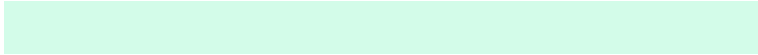
89.3529, 0.2983, 0.3490



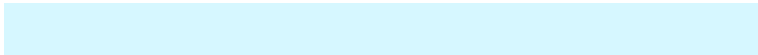
89.3529, 0.3068, 0.2995

Square

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



89.3529, 0.2983, 0.3490



89.3529, 0.2779, 0.3011



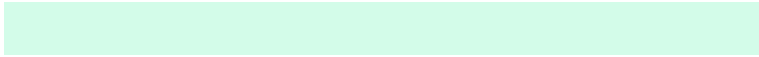
89.3529, 0.3266, 0.3102



89.3529, 0.3486, 0.3562

Rectangle

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



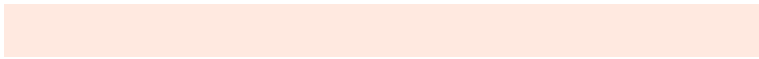
89.3529, 0.2983, 0.3490



89.3529, 0.2771, 0.3194



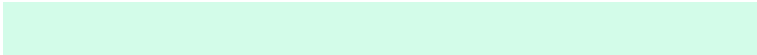
89.3529, 0.3266, 0.3102



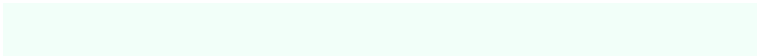
89.3529, 0.3496, 0.3368

Sweetspot

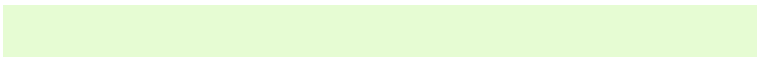
The Sweet Spot groups the original color and five complimentary colors.



89.3566, 0.2983, 0.3490



97.2867, 0.3082, 0.3348



91.1752, 0.3228, 0.3715



20.7446, 0.3076, 0.3356



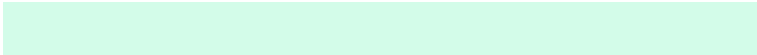
0.0000, 0.0000, 0.0000



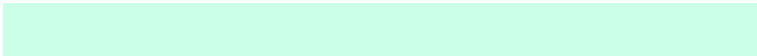
21.4041, 0.3127, 0.3290

Same Dimension

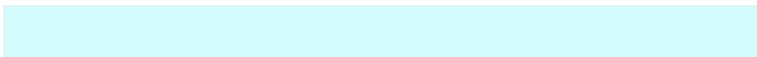
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.3566, 0.2983, 0.3490



90.1472, 0.2951, 0.3541



89.6471, 0.2879, 0.3275



19.4649, 0.3042, 0.3402



37.2103, 0.2690, 0.4885



3.4677, 0.2633, 0.4678

Inverse Universe

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



72.9818, 0.3299, 0.3098



70.0273, 0.3347, 0.3052



72.6530, 0.3436, 0.3305



17.3591, 0.3221, 0.3181



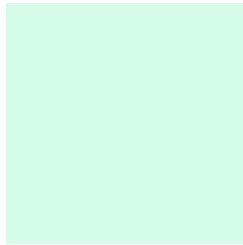
11.4764, 0.5117, 0.2592



1.0841, 0.4830, 0.2435

Previews

White Background



This preview shows how the Yxy color 89.3529, 0.2983, 0.3490 looks on a white background.

Color Contrast Check

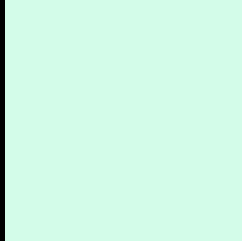
Large Text (above 18pt) WCAG AA × Fail

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 89.3529, 0.2983, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

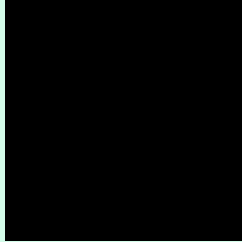
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

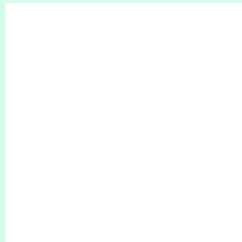
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.3529, 0.2983, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 89.3529, 0.2983, 0.3490.

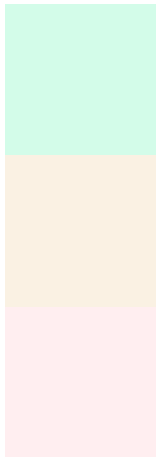


This preview shows how white text looks on a background with the Yxy color 89.3529, 0.2983, 0.3490.

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

89.3529, 0.2983, 0.3490

Protanopia

88.7806, 0.3274, 0.3430

Deuteranopia

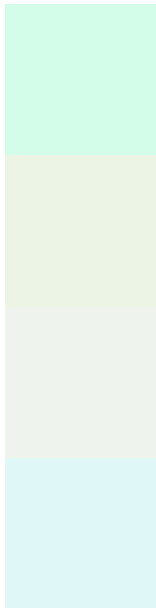
88.7003, 0.3228, 0.3271



Tritanopia

89.3478, 0.2975, 0.3189

Trichromacy



Original Color

89.3529, 0.2983, 0.3490

Protanomaly

88.7948, 0.3165, 0.3453

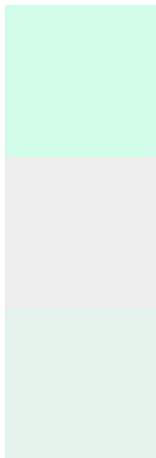
Deuteranomaly

88.5663, 0.3137, 0.3350

Tritanomaly

89.5382, 0.2977, 0.3300

Monochromacy



Original Color

89.3529, 0.2983, 0.3490

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.6513, 0.3072, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.3529, 0.2983, 0.3490 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, 252, 233)` looks like.

```
.text, #text, p{  
    color:rgb(211, 252, 233)  
}
```

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, 252, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 252, 233) }
```

Border

The CSS property to change the border of an element to Yxy 89.3529, 0.2983, 0.3490 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, 252, 233) }
```

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

```
.border{ border-color:rgb(211, 252, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 252, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 252, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 252, 233);  
box-shadow:4px 4px 4px 4px rgb(211, 252,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 89.3529, 0.2983, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 252, 233) }
```

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

```
.background{ background-color: rgb(211,  
252, 233) }
```

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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