

Converting Colors

$Yxy(86.5429, 0.2954, 0.3428)$

Have a look what the booklet for
Yxy(86.5429, 0.2954, 0.3428)
contains.

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Color

Yxy(86.5429, 0.2954, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	D0F8EB
RGB	208, 248, 235
RGB Percent	82%, 97%, 92%
CMY	0.1842, 0.0274, 0.0786
CMYK	0.16, 0.00, 0.05, 0.03
HSL	160°, 74%, 89%
HSV	160°, 16%, 97%
XYZ	74.5763, 86.5429, 91.3396
YIQ	234.5580, -19.6670, -12.5230

Conversions

Conversions Part 2

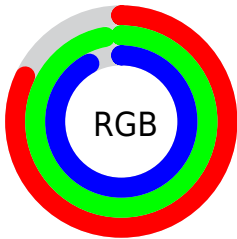
Format	Color
R _Y B	208, 232, 248
Decimal	13695211
CIE Lab	94.54, -15.32, 1.97
CIE LCh	95, 15.442, 172.673
Yxy	86.5429, 0.2954, 0.3428
Android (android.graphics.Color)	4291885291 (0xFFD0F8EB)
YUV	234.5580, 0.2179, -23.2914
Hunter-Lab	93.0284, -19.7050, 6.9062

Details

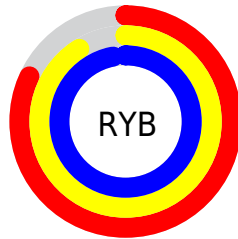
The Yxy color **86.5429, 0.2954, 0.3428** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.3078, 0.3337, 0.3156**, and the grayscale version is **82.7381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.7263, 0.2916, 0.3469** is the 20% darker color. If you saturate the color by 10%, you get **82.7707, 0.2854, 0.3525**, and if you desaturate by 10%, it is **90.9057, 0.3060, 0.3340**.

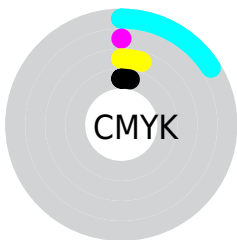
Distribution



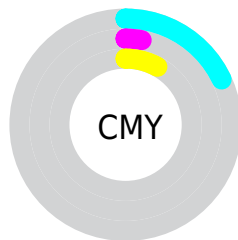
- Red (82%)
- Green (97%)
- Blue (92%)



- Red (82%)
- Yellow (91%)
- Blue (97%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)




- Cyan (18%)
- Magenta (3%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.5429, 0.2954, 0.3428 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 86.5429, 0.2954, 0.3428 by changing the saturation by 10% instead.


 86.5429, 0.2954,
0.3428

 86.5429, 0.2954,
0.3428


516.7197, 0.3032,
0.3366

 65.1170, 0.2937,
0.3442


142.5268, 0.2981,
0.3407

 47.5560, 0.2916,
0.3459


177.8537, 0.2991,
0.3398

 33.4754, 0.2889,
0.3480


218.5830, 0.3000,
0.3391

 22.4909, 0.2855,
0.3508

265.0991, 0.3008,
0.3385

 14.2180, 0.2810,
0.3545

317.7864, 0.3015,
0.3379

 8.2725, 0.2747,
0.3597

377.0293, 0.3021,

 4.2698, 0.2653,

0.3374

443.2123, 0.3027,
0.3370

0.3675

1.8256, 0.2497,
0.3807

0.5030, 0.1025,
0.4945

86.5429, 0.2954,
0.3428

86.5429, 0.2954,
0.3428

82.7707, 0.2854,
0.3525

90.9057, 0.3060,
0.3340


79.5518, 0.2762,
0.3631

95.3705, 0.3153,
0.3260


76.8616, 0.2682,
0.3744


95.6164, 0.3130,
0.3223


74.6691, 0.2618,
0.3864

 72.9401, 0.2571,
0.3988

 71.6357, 0.2544,
0.4115

 70.7108, 0.2538,
0.4241

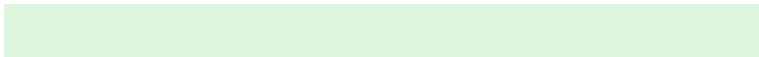
 70.1093, 0.2551,
0.4366

 69.9294, 0.2559,
0.4414

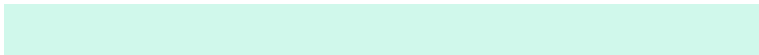
Harmonies

Analogous

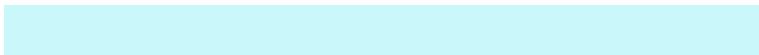
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.5429, 0.3122, 0.3552



86.5429, 0.2954, 0.3428



86.5429, 0.2834, 0.3266

Triad

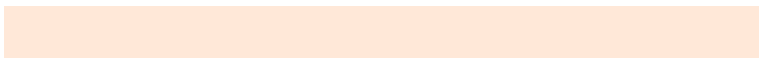
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5429, 0.2954, 0.3428



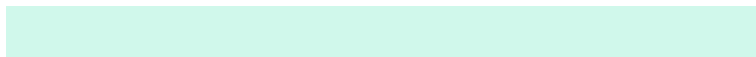
86.5429, 0.2955, 0.2996



86.5429, 0.3475, 0.3449

Complementary

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



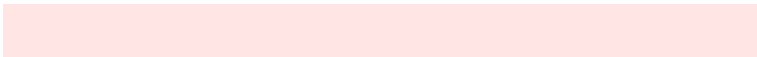
86.5429, 0.2954, 0.3428



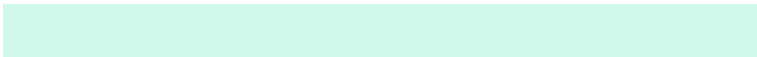
70.3078, 0.3337, 0.3156

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.



86.5429, 0.3429, 0.3302



86.5429, 0.2954, 0.3428



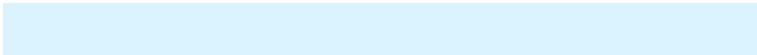
86.5429, 0.3125, 0.3046

Square

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



86.5429, 0.2954, 0.3428



86.5429, 0.2835, 0.3020



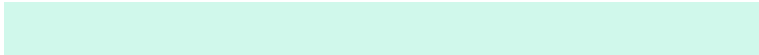
86.5429, 0.3299, 0.3157



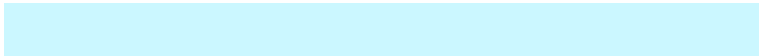
86.5429, 0.3426, 0.3560

Rectangle

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



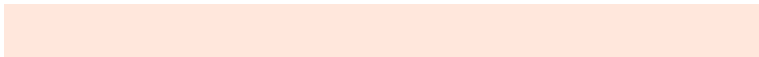
86.5429, 0.2954, 0.3428



86.5429, 0.2796, 0.3162



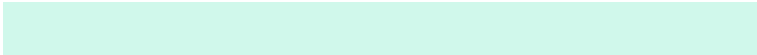
86.5429, 0.3299, 0.3157



86.5429, 0.3471, 0.3402

Sweetspot

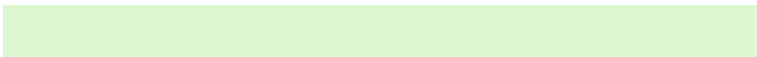
The Sweet Spot groups the original color and five complimentary colors.



86.5465, 0.2954, 0.3428



97.3965, 0.3072, 0.3330



87.1198, 0.3192, 0.3714



20.7713, 0.3065, 0.3336



0.0000, 0.0000, 0.0000



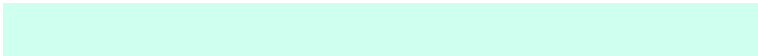
21.4041, 0.3127, 0.3290

Same Dimension

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



86.5465, 0.2954, 0.3428



90.9640, 0.2924, 0.3455



83.3041, 0.2880, 0.3219



19.5066, 0.3024, 0.3369



37.8020, 0.2554, 0.4394



3.5206, 0.2513, 0.4245

Inverse Universe

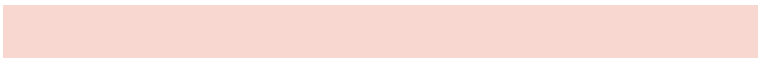
The Inverse Universe completely reimagines the original color for something new.



70.3078, 0.3337, 0.3156



70.9611, 0.3383, 0.3131



72.9569, 0.3423, 0.3360



17.3186, 0.3242, 0.3213



11.1236, 0.5671, 0.2898



1.0489, 0.5336, 0.2713

Previews

White Background



This preview shows how the Yxy color 86.5429, 0.2954, 0.3428 looks on a white background.

Color Contrast Check

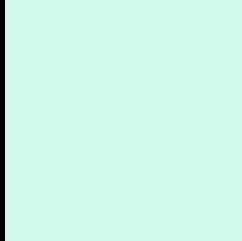
Large Text (above 18pt) WCAG AA × Fail

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 86.5429, 0.2954, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

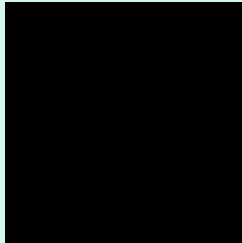
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

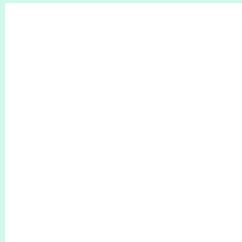
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.5429, 0.2954, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 86.5429, 0.2954, 0.3428.

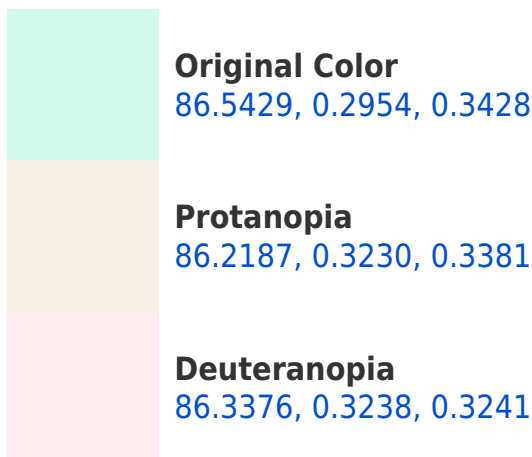


This preview shows how white text looks on a background with the Yxy color 86.5429, 0.2954, 0.3428.

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

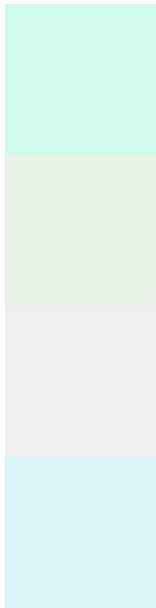




Tritanopia

86.4122, 0.2931, 0.3157

Trichromacy



Original Color

86.5429, 0.2954, 0.3428

Protanomaly

86.4296, 0.3128, 0.3403

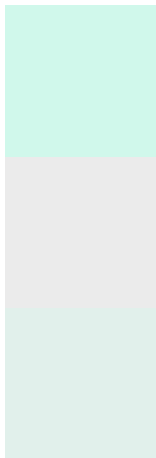
Deuteranomaly

86.0832, 0.3127, 0.3300

Tritanomaly

86.3841, 0.2941, 0.3248

Monochromacy



Original Color

86.5429, 0.2954, 0.3428

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

84.3259, 0.3060, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.5429, 0.2954, 0.3428 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(208, 248, 235)` looks like.

```
.text, #text, p{  
    color:rgb(208, 248, 235)  
}
```

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(208, 248, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 248, 235) }
```

Border

The CSS property to change the border of an element to Yxy 86.5429, 0.2954, 0.3428 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(208, 248, 235) }
```

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

```
.border{ border-color:rgb(208, 248, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 248, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 248, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 248, 235);  
box-shadow:4px 4px 4px 4px rgb(208, 248,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 86.5429, 0.2954, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 248, 235) }
```

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

```
.background{ background-color: rgb(208,  
248, 235) }
```

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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