

Converting Colors

$Yxy(84.5288, 0.3056, 0.3593)$

Have a look what the booklet for
Yxy(84.5288, 0.3056, 0.3593)
contains.

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Color

Yxy(84.5288, 0.3056, 0.3593)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | D1F6DA |
| RGB | 209, 246, 218 |
| RGB Percent | 82%, 96%, 85% |
| CMY | 0.1805, 0.0352, 0.1452 |
| CMYK | 0.15, 0.00, 0.11, 0.04 |
| HSL | 135°, 67%, 89% |
| HSV | 135°, 15%, 96% |
| XYZ | 71.8954, 84.5288, 78.8355 |
| YIQ | 231.7450, -13.0640, -16.5520 |

Conversions

Conversions Part 2

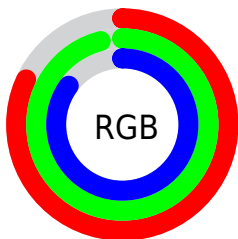
| Format | Color |
|-------------------------------------|---|
| RYB | 209, 239, 246 |
| Decimal | 13760218 |
| CIELab | 93.68, -17.18, 9.51 |
| CIElCh | 94, 19.642, 151.035 |
| Yxy | 84.5288, 0.3056, 0.3593 |
| Android (android.graphics.Color) | 4291950298 (0xFFD1F6DA) |
| YUV | 231.7450, -6.7763, -19.9474 |
| Hunter-Lab | 91.9395, -21.3099, 13.5182 |

Details

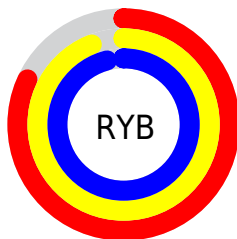
The Yxy color **84.5288, 0.3056, 0.3593** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.2970, 0.3207, 0.3005**, and the grayscale version is **80.5513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.3413, 0.3037, 0.3670** is the 20% darker color. If you saturate the color by 10%, you get **80.2966, 0.3010, 0.3826**, and if you desaturate by 10%, it is **89.4317, 0.3103, 0.3385**.

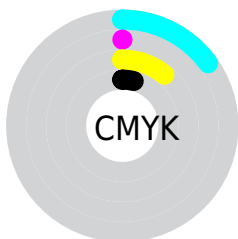
Distribution



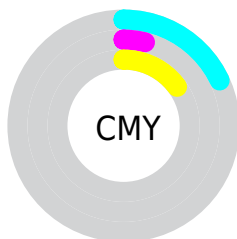
- Red (82%)
- Green (96%)
- Blue (85%)



- Red (82%)
- Yellow (94%)
- Blue (96%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)





- Cyan (18%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.5288, 0.3056, 0.3593 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 84.5288, 0.3056, 0.3593 by changing the saturation by 10% instead.


 84.5288, 0.3056,
0.3593

 84.5288, 0.3056,
0.3593


510.0676, 0.3090,
0.3453

 63.4521, 0.3048,
0.3625

139.7147, 0.3068,
0.3545

 46.2071, 0.3038,
0.3664


174.5926, 0.3072,
0.3526

 32.4092, 0.3026,
0.3714


214.8398, 0.3076,
0.3510

 21.6743, 0.3009,
0.3778

260.8405, 0.3080,
0.3495

 13.6178, 0.2987,
0.3866

312.9793, 0.3083,
0.3483

 7.8553, 0.2953,
0.3993

371.6405, 0.3085,

 4.0025, 0.2899,

0.3472

0.4190

437.2084, 0.3088,
0.3462

■ 1.6750, 0.2797,
0.4537

■ 0.4074, 0.0000,
1.0000

■ 84.5288, 0.3056,
0.3593

■ 84.5288, 0.3056,
0.3593

■ 80.2966, 0.3010,
0.3826

■ 89.4317, 0.3103,
0.3385

■ 76.6955, 0.2966,
0.4083

■ 94.4010, 0.3131,
0.3204

■ 73.6978, 0.2929,
0.4359

■ 71.2699, 0.2900,
0.4649

■ 69.3746, 0.2882,
0.4939

■ 67.9700, 0.2879,
0.5215

■ 67.0079, 0.2890,
0.5462

■ 66.4298, 0.2915,
0.5665

■ 66.2449, 0.2930,
0.5747

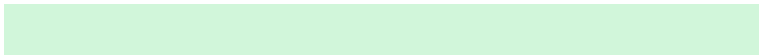
Harmonies

Analogous

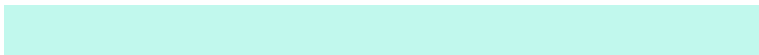
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.5288, 0.3282, 0.3685



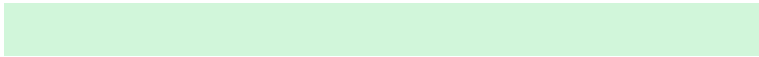
84.5288, 0.3056, 0.3593



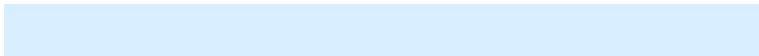
84.5288, 0.2854, 0.3411

Triad

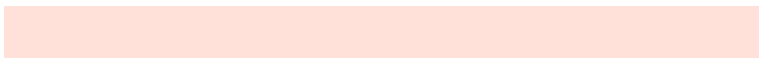
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5288, 0.3056, 0.3593



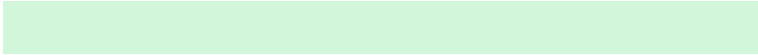
84.5288, 0.2788, 0.2926



84.5288, 0.3544, 0.3357

Complementary

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



84.5288, 0.3056, 0.3593



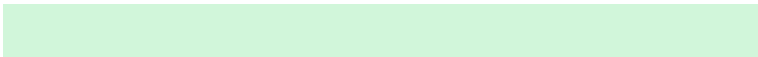
71.2970, 0.3207, 0.3005

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.



84.5288, 0.3402, 0.3168



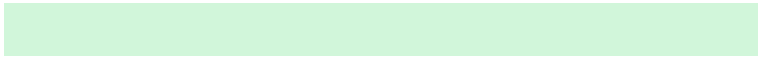
84.5288, 0.3056, 0.3593



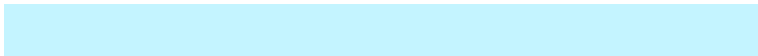
84.5288, 0.2962, 0.2925

Square

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



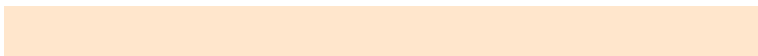
84.5288, 0.3056, 0.3593



84.5288, 0.2704, 0.3023



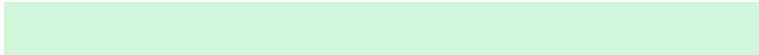
84.5288, 0.3187, 0.3013



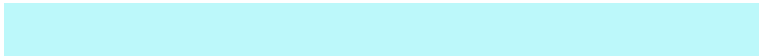
84.5288, 0.3569, 0.3537

Rectangle

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



84.5288, 0.3056, 0.3593



84.5288, 0.2759, 0.3269



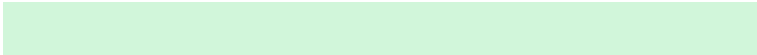
84.5288, 0.3187, 0.3013



84.5288, 0.3508, 0.3293

Sweetspot

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



84.5324, 0.3056, 0.3593



97.0554, 0.3104, 0.3385



88.5915, 0.3295, 0.3671



20.6885, 0.3100, 0.3398



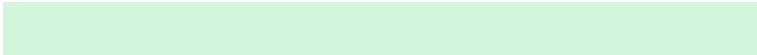
0.0000, 0.0000, 0.0000



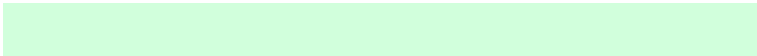
21.4041, 0.3127, 0.3290

Same Dimension

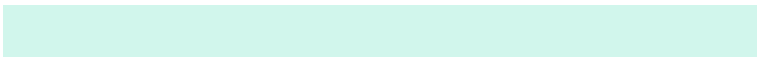
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5324, 0.3056, 0.3593



90.2707, 0.3042, 0.3660



85.5360, 0.2953, 0.3394



18.5381, 0.3082, 0.3474



35.3723, 0.2923, 0.5722



3.1245, 0.2858, 0.5488

Inverse Universe

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



71.2970, 0.3207, 0.3005



73.4323, 0.3225, 0.2947



70.2883, 0.3337, 0.3188



16.6954, 0.3175, 0.3113



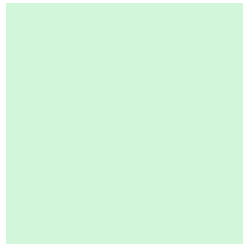
12.3785, 0.3938, 0.1943



1.1040, 0.3827, 0.1882

Previews

White Background



This preview shows how the Yxy color 84.5288, 0.3056, 0.3593 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 84.5288, 0.3056, 0.3593 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

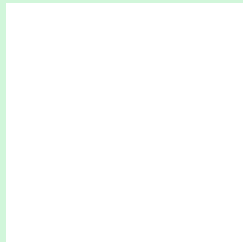
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.5288, 0.3056, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 84.5288, 0.3056, 0.3593.

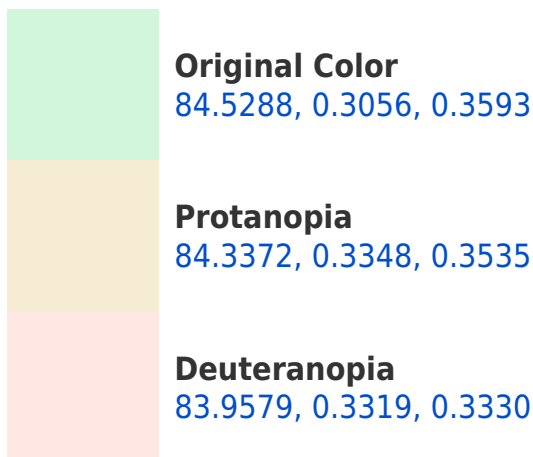


This preview shows how white text looks on a background with the Yxy color 84.5288, 0.3056, 0.3593.

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

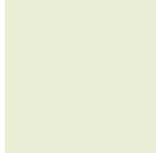
84.1686, 0.2912, 0.3125

Trichromacy



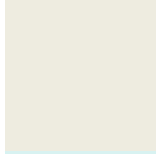
Original Color

84.5288, 0.3056, 0.3593



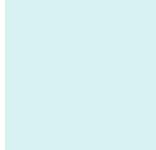
Protanomaly

84.4989, 0.3241, 0.3561



Deuteranomaly

83.5499, 0.3216, 0.3414



Tritanomaly

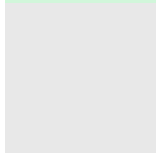
84.5140, 0.2962, 0.3290

Monochromacy



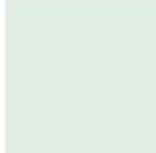
Original Color

84.5288, 0.3056, 0.3593



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

81.9617, 0.3102, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.5288, 0.3056, 0.3593 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, 246, 218)` looks like.

```
.text, #text, p{  
    color:rgb(209, 246, 218)  
}
```

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, 246, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 246, 218) }
```

Border

The CSS property to change the border of an element to Yxy 84.5288, 0.3056, 0.3593 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, 246, 218) }
```

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

```
.border{ border-color:rgb(209, 246, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 246, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 246, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 246, 218);  
box-shadow:4px 4px 4px 4px rgb(209, 246,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 84.5288, 0.3056, 0.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 246, 218) }
```

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

```
.background{ background-color: rgb(209,  
246, 218) }
```

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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