

Converting Colors

$Yxy(84.3566, 0.3099, 0.3661)$

Have a look what the booklet for
Yxy(84.3566, 0.3099, 0.3661)
contains.

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Color

Yxy(84.3666, 0.3097, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	D2F6D4
RGB	210, 246, 212
RGB Percent	82%, 96%, 83%
CMY	0.1766, 0.0352, 0.1687
CMYK	0.15, 0.00, 0.14, 0.04
HSL	123°, 67%, 89%
HSV	123°, 15%, 96%
XYZ	71.4084, 84.3666, 74.7978
YIQ	231.3600, -10.5420, -18.2060

Conversions

Conversions Part 2

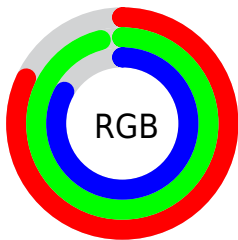
Format	Color
R _Y B	210, 244, 246
Decimal	13825748
CIE Lab	93.61, -17.91, 12.51
CIE LCh	94, 21.850, 145.068
Yxy	84.3666, 0.3097, 0.3659
Android (android.graphics.Color)	4292015828 (0xFFD2F6D4)
YUV	231.3600, -9.5445, -18.7327
Hunter-Lab	91.8513, -21.9676, 16.0139

Details

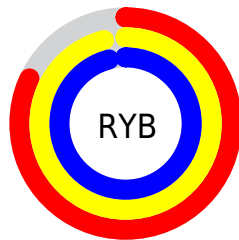
The Yxy color **84.3666, 0.3097, 0.3659** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.2026, 0.3158, 0.2947**, and the grayscale version is **80.2685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.2298, 0.3089, 0.3757** is the 20% darker color. If you saturate the color by 10%, you get **79.9444, 0.3075, 0.3951**, and if you desaturate by 10%, it is **89.5196, 0.3118, 0.3400**.

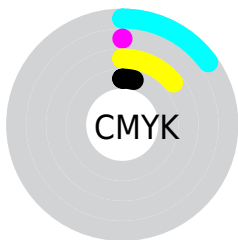
Distribution



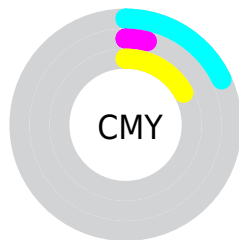
- Red (82%)
- Green (96%)
- Blue (83%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (14%)
- Black (4%)



- Cyan (18%)
- Magenta (4%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.3666, 0.3097, 0.3659 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 84.3666, 0.3097, 0.3659 by changing the saturation by 10% instead.


 84.3666, 0.3097,
0.3659

 84.3666, 0.3097,
0.3659


509.5298, 0.3113,
0.3488

 63.3182, 0.3093,
0.3698

139.4879, 0.3103,
0.3600

 46.0986, 0.3088,
0.3746


174.3295, 0.3105,
0.3577

 32.3237, 0.3081,
0.3807


214.5376, 0.3107,
0.3557

 21.6088, 0.3071,
0.3887

260.4967, 0.3108,
0.3540

 13.5698, 0.3057,
0.3995

312.5910, 0.3110,
0.3525

 7.8220, 0.3035,
0.4152

371.2051, 0.3111,

 3.9813, 0.2996,

0.3511

0.4396

436.7232, 0.3112,
0.3499

■ 1.6631, 0.2925,
0.4844

■ 0.3996, 0.0000,
1.0000

■ 84.3666, 0.3097,
0.3659

■ 84.3666, 0.3097,
0.3659

■ 79.9444, 0.3075,
0.3951

■ 89.5196, 0.3118,
0.3400

■ 76.2097, 0.3053,
0.4273

■ 94.4010, 0.3131,
0.3204

■ 73.1313, 0.3032,
0.4615

■ 70.6711, 0.3013,
0.4961

■ 68.7874, 0.2999,
0.5290

■ 67.4331, 0.2990,
0.5575

■ 66.5538, 0.2988,
0.5794

■ 66.0832, 0.2991,
0.5933

■ 65.9521, 0.2993,
0.5975

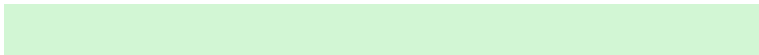
Harmonies

Analogous

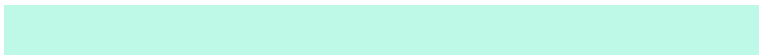
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3666, 0.3346, 0.3736



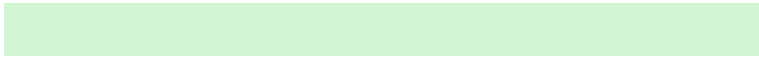
84.3666, 0.3097, 0.3659



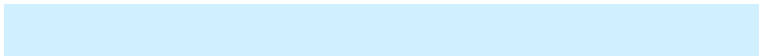
84.3666, 0.2863, 0.3470

Triad

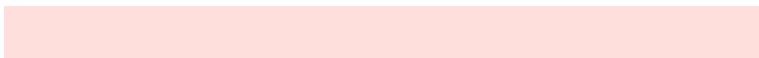
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3666, 0.3097, 0.3659



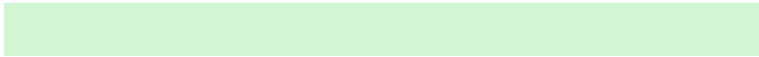
84.3666, 0.2723, 0.2899



84.3666, 0.3570, 0.3321

Complementary

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



84.3666, 0.3097, 0.3659



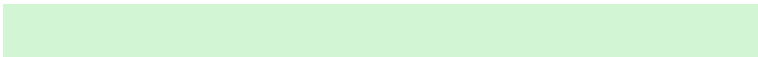
72.2026, 0.3158, 0.2947

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.



84.3666, 0.3390, 0.3116



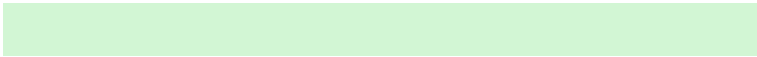
84.3666, 0.3097, 0.3659



84.3666, 0.2899, 0.2877

Square

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



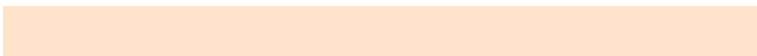
84.3666, 0.3097, 0.3659



84.3666, 0.2653, 0.3025



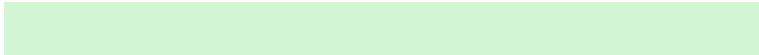
84.3666, 0.3142, 0.2956



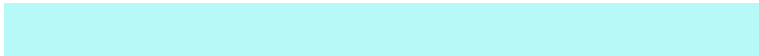
84.3666, 0.3625, 0.3527

Rectangle

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



84.3666, 0.3097, 0.3659



84.3666, 0.2745, 0.3313



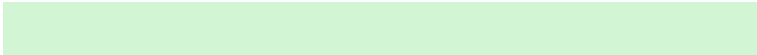
84.3666, 0.3142, 0.2956



84.3666, 0.3521, 0.3250

Sweetspot

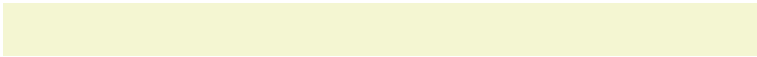
The Sweet Spot groups the original color and five complimentary colors.



84.3702, 0.3097, 0.3659



97.5118, 0.3119, 0.3384



89.8436, 0.3335, 0.3655



20.7746, 0.3118, 0.3402



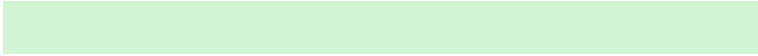
0.0000, 0.0000, 0.0000



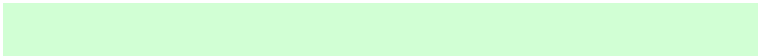
21.4041, 0.3127, 0.3290

Same Dimension

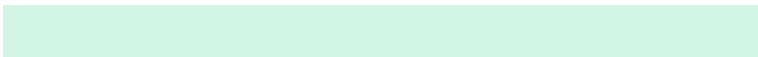
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3702, 0.3097, 0.3659



89.8269, 0.3090, 0.3754



85.3189, 0.2995, 0.3463



18.4871, 0.3108, 0.3521



35.2039, 0.2990, 0.5965



3.0993, 0.2966, 0.5877

Inverse Universe

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



72.2026, 0.3158, 0.2947



73.9653, 0.3166, 0.2866



71.1726, 0.3283, 0.3124



16.7513, 0.3147, 0.3070



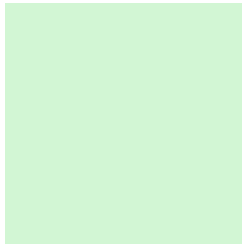
13.5810, 0.3355, 0.1622



1.1985, 0.3335, 0.1611

Previews

White Background



This preview shows how the Yxy color 84.3666, 0.3097, 0.3659 looks on a white background.

Color Contrast Check

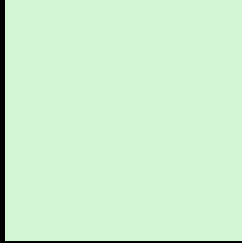
Large Text (above 18pt) WCAG AA × Fail

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 84.3666, 0.3097, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

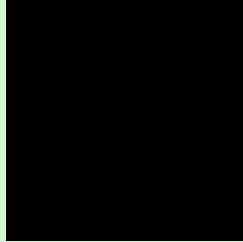
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

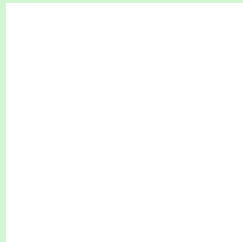
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.3666, 0.3097, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 84.3666, 0.3097, 0.3659.



This preview shows how white text looks on a background with the Yxy color 84.3666, 0.3097, 0.3659.

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

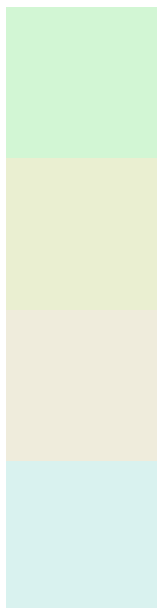




Tritanopia

84.3252, 0.2918, 0.3126

Trichromacy



Original Color

84.3666, 0.3097, 0.3659

Protanomaly

83.8289, 0.3280, 0.3604

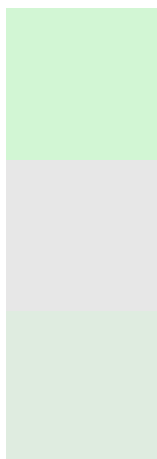
Deuteranomaly

83.5089, 0.3248, 0.3455

Tritanomaly

84.4880, 0.2985, 0.3321

Monochromacy



Original Color

84.3666, 0.3097, 0.3659

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

81.0607, 0.3115, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.3666, 0.3097, 0.3659 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, 246, 212)` looks like.

```
.text, #text, p{  
    color:rgb(210, 246, 212)  
}
```

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, 246, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 246, 212) }
```

Border

The CSS property to change the border of an element to Yxy 84.3666, 0.3097, 0.3659 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, 246, 212) }
```

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

```
.border{ border-color:rgb(210, 246, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 246, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 246, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 246, 212);  
box-shadow:4px 4px 4px 4px rgb(210, 246,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 84.3666, 0.3097, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 246, 212) }
```

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

```
.background{ background-color: rgb(210,  
246, 212) }
```

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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