

Converting Colors

$Yxy(85.2715, 0.3308, 0.3960)$

Have a look what the booklet for
Yxy(85.2715, 0.3308, 0.3960)
contains.

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Color

Yxy(84.9297, 0.3308, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	DAF7B9
RGB	218, 247, 185
RGB Percent	85%, 97%, 73%
CMY	0.1452, 0.0313, 0.2745
CMYK	0.12, 0.00, 0.25, 0.03
HSL	88°, 80%, 85%
HSV	88°, 25%, 97%
XYZ	70.9284, 84.9297, 58.5567
YIQ	231.2610, 2.6180, -25.4300

Conversions

Conversions Part 2

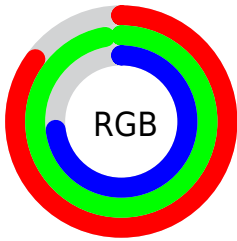
Format	Color
RYB	185, 247, 214
Decimal	14350265
CIELab	93.85, -19.98, 26.76
CIELCh	94, 33.396, 126.752
Yxy	84.9297, 0.3308, 0.3961
Android (android.graphics.Color)	4292540345 (0xFFDAF7B9)
YUV	231.2610, -22.8067, -11.6299
Hunter-Lab	92.1573, -23.8937, 26.8373

Details

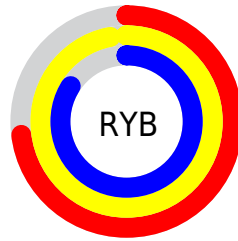
The Yxy color **84.9297, 0.3308, 0.3961** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.7177, 0.2904, 0.2615**, and the grayscale version is **80.2881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **46.7141, 0.3340, 0.4117** is the 20% darker color. If you saturate the color by 10%, you get **82.2584, 0.3373, 0.4255**, and if you desaturate by 10%, it is **87.9140, 0.3237, 0.3679**.

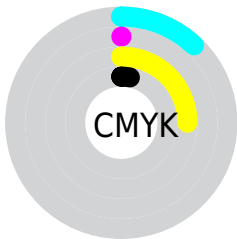
Distribution



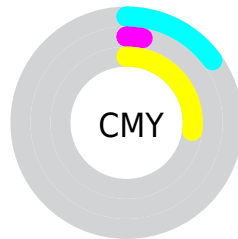
- Red (85%)
- Green (97%)
- Blue (73%)



- Red (73%)
- Yellow (97%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (25%)
- Black (3%)





- Cyan (15%)
- Magenta (3%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.9297, 0.3308, 0.3961 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 84.9297, 0.3308, 0.3961 by changing the saturation by 10% instead.


 84.9297, 0.3308,
0.3961

 84.9297, 0.3308,
0.3961


511.3954, 0.3233,
0.3649

 63.7833, 0.3323,
0.4032


 140.2750, 0.3284,
0.3853

 46.4752, 0.3340,
0.4120

175.2426, 0.3274,
0.3811

 32.6210, 0.3361,
0.4231


215.5861, 0.3265,
0.3775

 21.8362, 0.3384,
0.4375

261.6899, 0.3257,
0.3743

 13.7366, 0.3410,
0.4569

313.9383, 0.3250,
0.3715

 7.9377, 0.3435,
0.4843

372.7157, 0.3244,

 4.0551, 0.3445,

0.3691

0.5253

438.4067, 0.3238,
0.3669

■ 1.7044, 0.3642,
0.6358

■ 0.4265, 0.0000,
1.0000

■ 84.9297, 0.3308,
0.3961

■ 84.9297, 0.3308,
0.3961

■ 82.2584, 0.3373,
0.4255

■ 87.9140, 0.3237,
0.3679

■ 79.8770, 0.3429,
0.4553

■ 91.2114, 0.3164,
0.3416

■ 77.7766, 0.3470,
0.4843

■ 94.5684, 0.3116,
0.3213

■ 75.9431, 0.3493,
0.5110

■ 95.0070, 0.3131,
0.3214

■ 74.3609, 0.3493,
0.5339

■ 73.0124, 0.3470,
0.5517

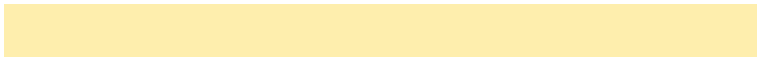
■ 71.8763, 0.3425,
0.5639

■ 71.3831, 0.3398,
0.5684

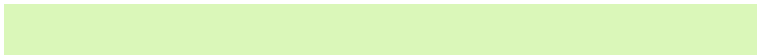
Harmonies

Analogous

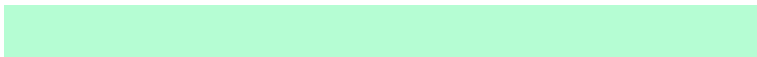
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9297, 0.3652, 0.3940



84.9297, 0.3308, 0.3961



84.9297, 0.2929, 0.3767

Triad

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



84.9297, 0.3308, 0.3961



84.9297, 0.2438, 0.2792



84.9297, 0.3654, 0.3138

Complementary

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



84.9297, 0.3308, 0.3961



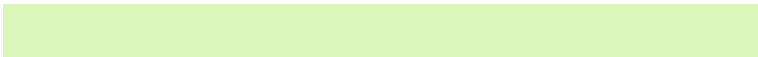
55.7177, 0.2904, 0.2615

Split Complementary

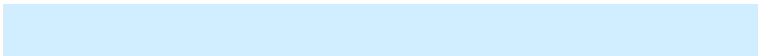
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.9297, 0.3298, 0.2874



84.9297, 0.3308, 0.3961



84.9297, 0.2604, 0.2673

Square

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



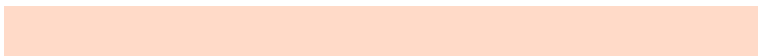
84.9297, 0.3308, 0.3961



84.9297, 0.2442, 0.3059



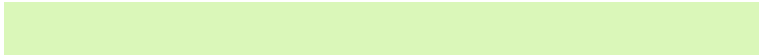
84.9297, 0.2912, 0.2707



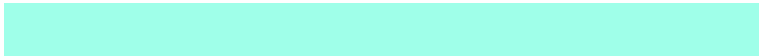
84.9297, 0.3865, 0.3448

Rectangle

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



84.9297, 0.3308, 0.3961



84.9297, 0.2707, 0.3546



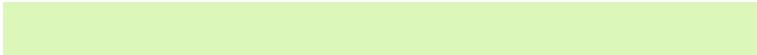
84.9297, 0.2912, 0.2707



84.9297, 0.3546, 0.3042

Sweetspot

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



84.9334, 0.3308, 0.3961



96.9887, 0.3186, 0.3491



71.3424, 0.3586, 0.3596



20.6438, 0.3197, 0.3530



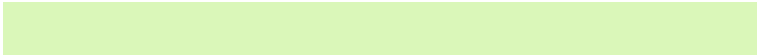
0.0000, 0.0000, 0.0000



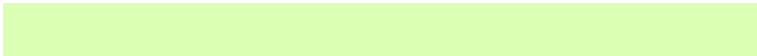
21.4041, 0.3127, 0.3290

Same Dimension

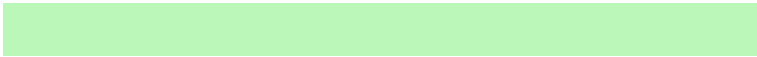
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9334, 0.3308, 0.3961



89.8441, 0.3341, 0.4106



80.6043, 0.3106, 0.4004



18.9059, 0.3196, 0.3529



37.8345, 0.3410, 0.5674



3.3864, 0.3502, 0.5602

Inverse Universe

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



55.7177, 0.2904, 0.2615



53.6029, 0.2850, 0.2468



60.8192, 0.3140, 0.2661



16.3069, 0.3053, 0.3051



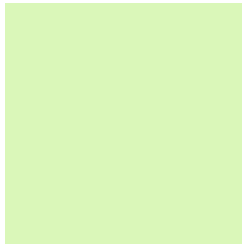
5.5843, 0.1962, 0.0855



0.5514, 0.2100, 0.0930

Previews

White Background



This preview shows how the Yxy color 84.9297, 0.3308, 0.3961 looks on a white background.

Color Contrast Check

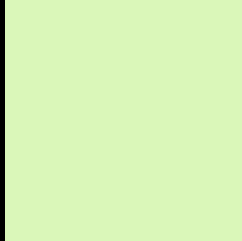
Large Text (above 18pt) WCAG AA × Fail

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 84.9297, 0.3308, 0.3961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

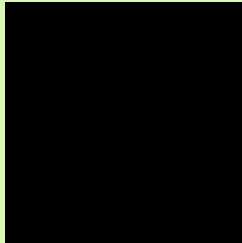
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

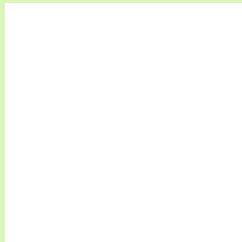
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.9297, 0.3308, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 84.9297, 0.3308, 0.3961.



This preview shows how white text looks on a background with the Yxy color 84.9297, 0.3308, 0.3961.

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

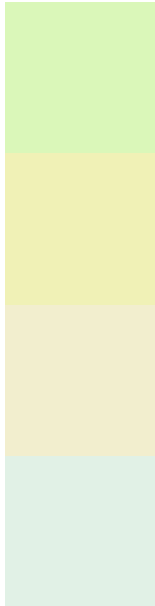




Tritanopia

85.0271, 0.2968, 0.3118

Trichromacy



Original Color

84.9297, 0.3308, 0.3961

Protanomaly

84.8133, 0.3490, 0.3903

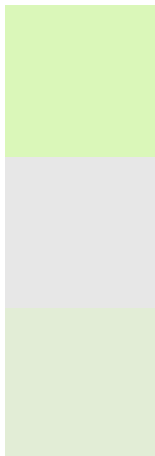
Deuteranomaly

84.4825, 0.3356, 0.3620

Tritanomaly

84.6313, 0.3089, 0.3405

Monochromacy



Original Color

84.9297, 0.3308, 0.3961

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

81.5922, 0.3196, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.9297, 0.3308, 0.3961 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(218, 247, 185)` looks like.

```
.text, #text, p{  
    color:rgb(218, 247, 185)  
}
```

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(218, 247, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 247, 185) }
```

Border

The CSS property to change the border of an element to Yxy 84.9297, 0.3308, 0.3961 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(218, 247, 185) }
```

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

```
.border{ border-color:rgb(218, 247, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 247, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 247, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 247, 185);  
box-shadow:4px 4px 4px 4px rgb(218, 247,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 84.9297, 0.3308, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 247, 185) }
```

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

```
.background{ background-color: rgb(218,  
247, 185) }
```

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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