

Converting Colors

Yxy(84.7400, 0.3267, 0.3936)

Have a look what the booklet for
Yxy(84.7400, 0.3267, 0.3936)
contains.

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Color

Yxy(84.5994, 0.3270, 0.3932)

Conversions

Conversions Part 1

Format	Color
Hex	D7F7BC
RGB	215, 247, 188
RGB Percent	84%, 97%, 74%
CMY	0.1570, 0.0313, 0.2627
CMYK	0.13, 0.00, 0.24, 0.03
HSL	93°, 79%, 85%
HSV	93°, 24%, 97%
XYZ	70.3561, 84.5994, 60.2007
YIQ	230.7060, -0.1330, -25.1330

Conversions

Conversions Part 2

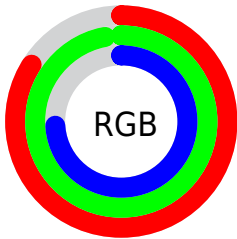
Format	Color
R _{YB}	188, 247, 220
Decimal	14153660
CIE Lab	93.71, -20.59, 25.00
CIE LCh	94, 32.392, 129.471
Yxy	84.5994, 0.3270, 0.3932
Android (android.graphics.Color)	4292343740 (0xFFD7F7BC)
YUV	230.7060, -21.0541, -13.7742
Hunter-Lab	91.9779, -24.4226, 25.5785

Details

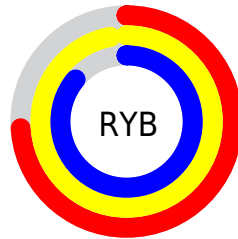
The Yxy color **84.5994, 0.3270, 0.3932** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.9087, 0.2950, 0.2656**, and the grayscale version is **79.8395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **46.4564, 0.3300, 0.4095** is the 20% darker color. If you saturate the color by 10%, you get **81.6795, 0.3323, 0.4232**, and if you desaturate by 10%, it is **87.8755, 0.3211, 0.3648**.

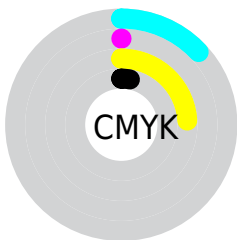
Distribution



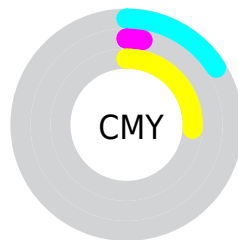
- Red (84%)
- Green (97%)
- Blue (74%)



- Red (74%)
- Yellow (97%)
- Blue (86%)



- Cyan (13%)
- Magenta (0%)
- Yellow (24%)
- Black (3%)




- Cyan (16%)
- Magenta (3%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.5994, 0.3270, 0.3932 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 84.5994, 0.3270, 0.3932 by changing the saturation by 10% instead.

 84.5994, 0.3270,
0.3932

 84.5994, 0.3270,
0.3932


510.3016, 0.3211,
0.3633

 63.5104, 0.3281,
0.4000


 139.8133, 0.3251,
0.3828

 46.2543, 0.3295,
0.4085


174.7071, 0.3243,
0.3788

 32.4465, 0.3310,
0.4192


214.9712, 0.3237,
0.3753

 21.7028, 0.3327,
0.4331

260.9902, 0.3230,
0.3723

 13.6387, 0.3345,
0.4519

313.1483, 0.3225,
0.3696

 7.8698, 0.3361,
0.4787


371.8299, 0.3220,


 4.0117, 0.3360,

0.3673


0.5193


437.4196, 0.3215,
0.3652


 1.6801, 0.3597,
0.6403


 0.4107, 0.0000,
1.0000


 84.5994, 0.3270,
0.3932


 84.5994, 0.3270,
0.3932


 81.6795, 0.3323,
0.4232


 87.8755, 0.3211,
0.3648

 79.0915, 0.3368,
0.4540

 91.5091, 0.3151,
0.3386

 76.8248, 0.3399,
0.4843

 95.0093, 0.3131,
0.3214

 74.8640, 0.3413,
0.5127

■ 73.1921, 0.3407,
0.5374

■ 71.7898, 0.3379,
0.5570

■ 70.6346, 0.3332,
0.5706

■ 70.0319, 0.3297,
0.5764

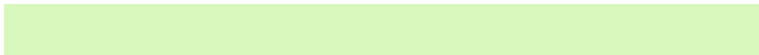
Harmonies

Analogous

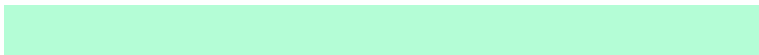
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.5994, 0.3612, 0.3931



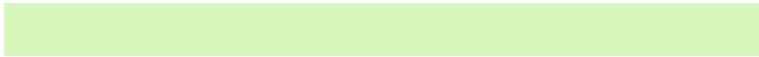
84.5994, 0.3270, 0.3932



84.5994, 0.2903, 0.3727

Triad

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



84.5994, 0.3270, 0.3932



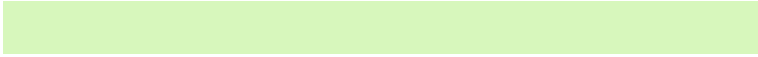
84.5994, 0.2465, 0.2790



84.5994, 0.3664, 0.3169

Complementary

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



84.5994, 0.3270, 0.3932



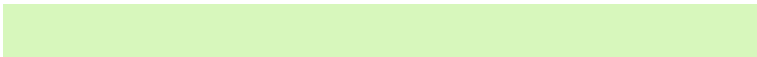
57.9087, 0.2950, 0.2656

Split Complementary

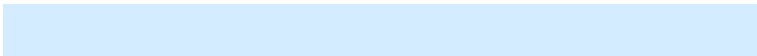
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5994, 0.3327, 0.2905



84.5994, 0.3270, 0.3932



84.5994, 0.2641, 0.2687

Square

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



84.5994, 0.3270, 0.3932



84.5994, 0.2453, 0.3038



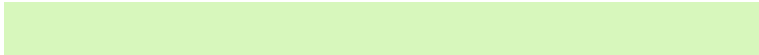
84.5994, 0.2951, 0.2732



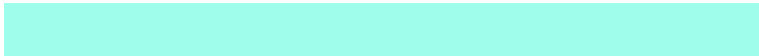
84.5994, 0.3852, 0.3472

Rectangle

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



84.5994, 0.3270, 0.3932



84.5994, 0.2694, 0.3506



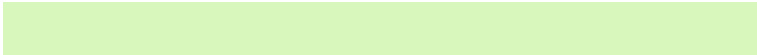
84.5994, 0.2951, 0.2732



84.5994, 0.3564, 0.3074

Sweetspot

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



84.6031, 0.3270, 0.3932



97.1109, 0.3170, 0.3465



74.3196, 0.3551, 0.3620



20.7344, 0.3174, 0.3481



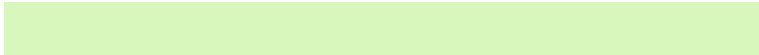
0.0000, 0.0000, 0.0000



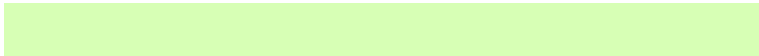
21.4041, 0.3127, 0.3290

Same Dimension

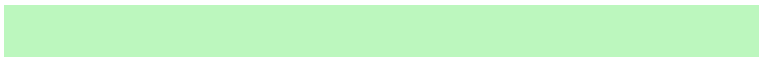
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.6031, 0.3270, 0.3932



89.2816, 0.3298, 0.4085



80.9380, 0.3084, 0.3944



18.8429, 0.3185, 0.3530



37.1154, 0.3309, 0.5755



3.3224, 0.3406, 0.5678

Inverse Universe

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



57.9087, 0.2950, 0.2656



55.6927, 0.2902, 0.2507



62.3412, 0.3170, 0.2713



16.3700, 0.3065, 0.3051



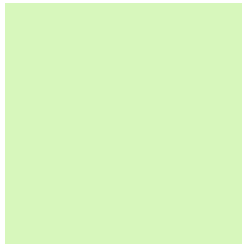
6.3231, 0.2109, 0.0936



0.6168, 0.2239, 0.1007

Previews

White Background



This preview shows how the Yxy color 84.5994, 0.3270, 0.3932 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 84.5994, 0.3270, 0.3932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

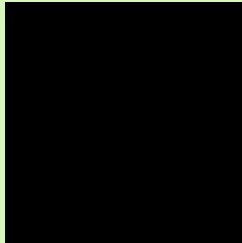
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

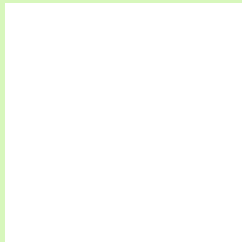
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.5994, 0.3270, 0.3932

Background



This preview shows how black text looks on a background with the Yxy color 84.5994, 0.3270, 0.3932.

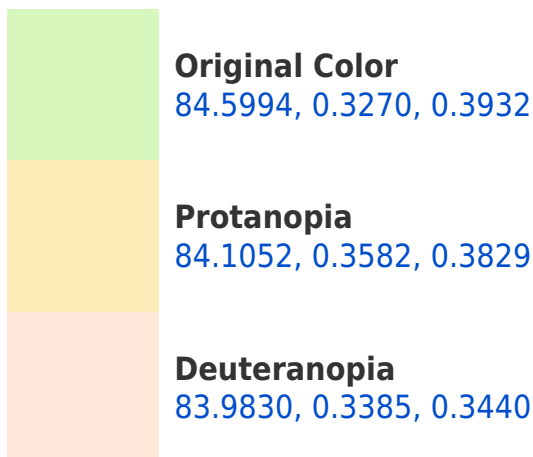


This preview shows how white text looks on a background with the Yxy color 84.5994, 0.3270, 0.3932.

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

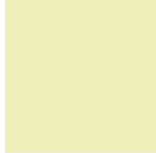
84.5378, 0.2949, 0.3117

Trichromacy



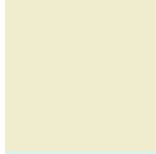
Original Color

84.5994, 0.3270, 0.3932



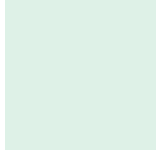
Protanomaly

84.1737, 0.3466, 0.3864



Deuteranomaly

83.5499, 0.3344, 0.3611



Tritanomaly

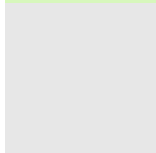
84.2097, 0.3064, 0.3395

Monochromacy



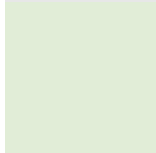
Original Color

84.5994, 0.3270, 0.3932



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

81.4822, 0.3183, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.5994, 0.3270, 0.3932 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(215, 247, 188)` looks like.

```
.text, #text, p{  
    color:rgb(215, 247, 188)  
}
```

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(215, 247, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 247, 188) }
```

Border

The CSS property to change the border of an element to Yxy 84.5994, 0.3270, 0.3932 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(215, 247, 188) }
```

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

```
.border{ border-color:rgb(215, 247, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 247, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 247, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 247, 188);  
box-shadow:4px 4px 4px 4px rgb(215, 247,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 84.5994, 0.3270, 0.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 247, 188) }
```

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

```
.background{ background-color: rgb(215,  
247, 188) }
```

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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