

Converting Colors

$Yxy(85.0771, 0.3259, 0.3923)$

Have a look what the booklet for
Yxy(85.0771, 0.3259, 0.3923)
contains.

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Color

Yxy(85.2560, 0.3263, 0.3931)

Conversions

Conversions Part 1

Format	Color
Hex	D7F8BD
RGB	215, 248, 189
RGB Percent	84%, 97%, 74%
CMY	0.1570, 0.0274, 0.2589
CMYK	0.13, 0.00, 0.24, 0.03
HSL	94°, 81%, 86%
HSV	94°, 24%, 97%
XYZ	70.7683, 85.2560, 60.8569
YIQ	231.4070, -0.7290, -25.3450

Conversions

Conversions Part 2

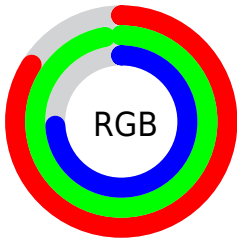
Format	Color
R _{YB}	189, 248, 222
Decimal	14153917
CIE _{Lab}	93.99, -20.93, 24.90
CIE _{LCh}	94, 32.527, 130.051
Yxy	85.2560, 0.3263, 0.3931
Android (android.graphics.Color)	4292343997 (0xFFD7F8BD)
YUV	231.4070, -20.9067, -14.3889
Hunter-Lab	92.3342, -24.7758, 25.5563

Details

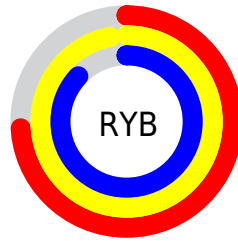
The Yxy color **85.2560, 0.3263, 0.3931** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.6975, 0.2958, 0.2660**, and the grayscale version is **80.3866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **46.9221, 0.3291, 0.4093** is the 20% darker color. If you saturate the color by 10%, you get **82.2604, 0.3314, 0.4233**, and if you desaturate by 10%, it is **88.6215, 0.3207, 0.3646**.

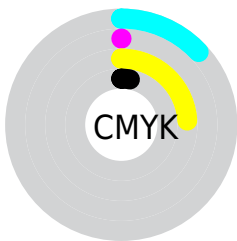
Distribution



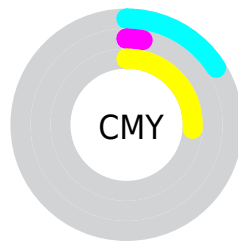
- Red (84%)
- Green (97%)
- Blue (74%)



- Red (74%)
- Yellow (97%)
- Blue (87%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.2560, 0.3263, 0.3931 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 85.2560, 0.3263, 0.3931 by changing the saturation by 10% instead.


 85.2560, 0.3263,
0.3931

 85.2560, 0.3263,
0.3931


512.4748, 0.3208,
0.3633

 64.0529, 0.3274,
0.3999


 140.7308, 0.3245,
0.3828

 46.6935, 0.3286,
0.4083


175.7713, 0.3238,
0.3787

 32.7935, 0.3300,
0.4190


216.1931, 0.3231,
0.3753

 21.9683, 0.3316,
0.4328

262.3805, 0.3226,
0.3723

 13.8336, 0.3332,
0.4516

314.7180, 0.3220,
0.3696

 8.0050, 0.3345,
0.4782

373.5900, 0.3216,

 4.0982, 0.3342,

0.3673

0.5185

439.3807, 0.3212,
0.3652

1.7286, 0.3588,
0.6412

0.4421, 0.0000,
1.0000

85.2560, 0.3263,
0.3931

85.2560, 0.3263,
0.3931

82.2604, 0.3314,
0.4233

88.6215, 0.3207,
0.3646

79.6098, 0.3355,
0.4543

92.3587, 0.3149,
0.3384

77.2931, 0.3384,
0.4849

95.6239, 0.3130,
0.3223

75.2944, 0.3396,
0.5135

■ 73.5959, 0.3388,
0.5385

■ 72.1778, 0.3359,
0.5584

■ 71.0167, 0.3311,
0.5721

■ 70.4074, 0.3276,
0.5781

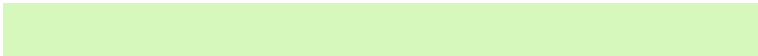
Harmonies

Analogous

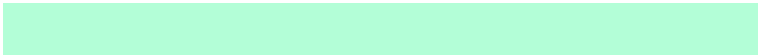
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2560, 0.3607, 0.3934



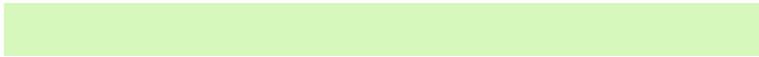
85.2560, 0.3263, 0.3931



85.2560, 0.2896, 0.3722

Triad

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



85.2560, 0.3263, 0.3931



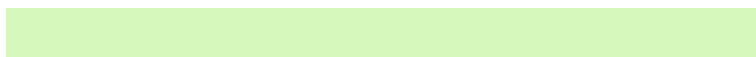
85.2560, 0.2466, 0.2785



85.2560, 0.3671, 0.3174

Complementary

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



85.2560, 0.3263, 0.3931



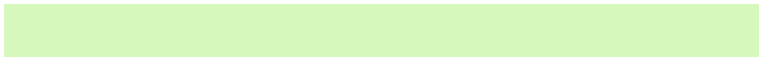
58.6975, 0.2958, 0.2660

Split Complementary

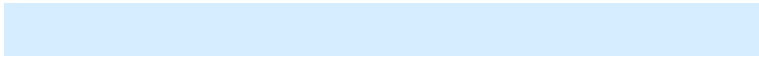
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.2560, 0.3335, 0.2909



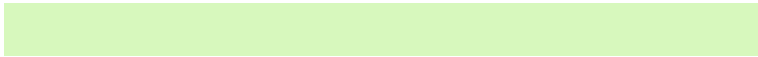
85.2560, 0.3263, 0.3931



85.2560, 0.2645, 0.2685

Square

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



85.2560, 0.3263, 0.3931



85.2560, 0.2451, 0.3031



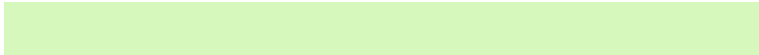
85.2560, 0.2958, 0.2733



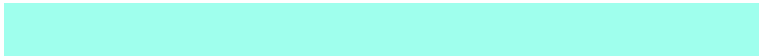
85.2560, 0.3855, 0.3478

Rectangle

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



85.2560, 0.3263, 0.3931



85.2560, 0.2688, 0.3500



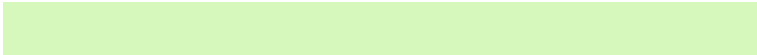
85.2560, 0.2958, 0.2733



85.2560, 0.3571, 0.3079

Sweetspot

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



85.2597, 0.3263, 0.3931



97.0573, 0.3168, 0.3465



75.5824, 0.3547, 0.3629



20.7220, 0.3171, 0.3481



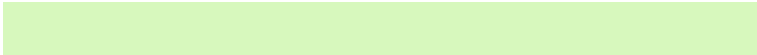
0.0000, 0.0000, 0.0000



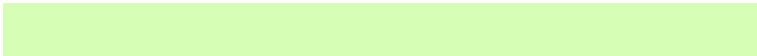
21.4041, 0.3127, 0.3290

Same Dimension

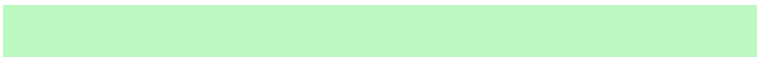
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2597, 0.3263, 0.3931



89.0954, 0.3290, 0.4087



81.7627, 0.3079, 0.3930



19.6831, 0.3182, 0.3530



38.1088, 0.3288, 0.5772



3.5911, 0.3380, 0.5698

Inverse Universe

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



58.6975, 0.2958, 0.2660



55.8876, 0.2912, 0.2509



62.9416, 0.3177, 0.2724



17.1222, 0.3067, 0.3051



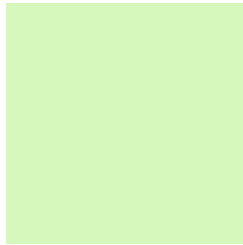
6.7021, 0.2143, 0.0954



0.6835, 0.2264, 0.1021

Previews

White Background



This preview shows how the Yxy color 85.2560, 0.3263, 0.3931 looks on a white background.

Color Contrast Check

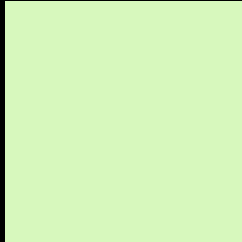
Large Text (above 18pt) WCAG AA × Fail

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 85.2560, 0.3263, 0.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

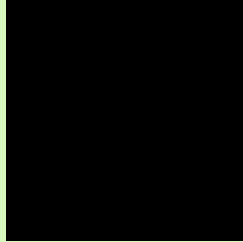
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

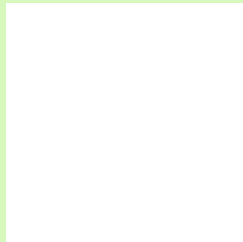
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.2560, 0.3263, 0.3931

Background



This preview shows how black text looks on a background with the Yxy color 85.2560, 0.3263, 0.3931.

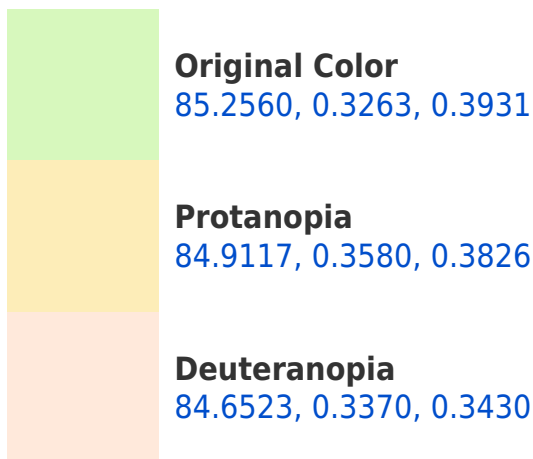


This preview shows how white text looks on a background with the Yxy color 85.2560, 0.3263, 0.3931.

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

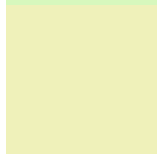
85.2839, 0.2955, 0.3127

Trichromacy



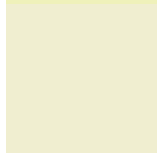
Original Color

85.2560, 0.3263, 0.3931



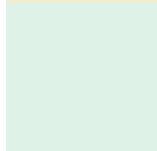
Protanomaly

84.8065, 0.3458, 0.3863



Deuteranomaly

84.2284, 0.3330, 0.3600



Tritanomaly

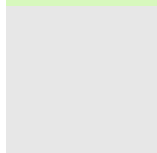
84.9618, 0.3070, 0.3405

Monochromacy



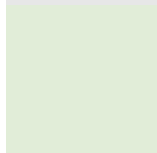
Original Color

85.2560, 0.3263, 0.3931



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

81.5338, 0.3177, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2560, 0.3263, 0.3931 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, 248, 189)` looks like.

```
.text, #text, p{  
    color:rgb(215, 248, 189)  
}
```

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, 248, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 248, 189) }
```

Border

The CSS property to change the border of an element to Yxy 85.2560, 0.3263, 0.3931 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, 248, 189) }
```

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

```
.border{ border-color:rgb(215, 248, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 248, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 248, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 248, 189);  
box-shadow:4px 4px 4px 4px rgb(215, 248,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2560, 0.3263, 0.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 248, 189) }
```

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

```
.background{ background-color: rgb(215,  
248, 189) }
```

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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