

Converting Colors

$Yxy(83.0556, 0.3132, 0.3742)$

Have a look what the booklet for
Yxy(83.0556, 0.3132, 0.3742)
contains.

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Color

Yxy(83.0743, 0.3132, 0.3740)

Conversions

Conversions Part 1

Format	Color
Hex	D0F5CC
RGB	208, 245, 204
RGB Percent	82%, 96%, 80%
CMY	0.1842, 0.0392, 0.2001
CMYK	0.15, 0.00, 0.17, 0.04
HSL	114°, 67%, 88%
HSV	114°, 17%, 96%
XYZ	69.5692, 83.0743, 69.4803
YIQ	229.2630, -8.8910, -20.5950

Conversions

Conversions Part 2

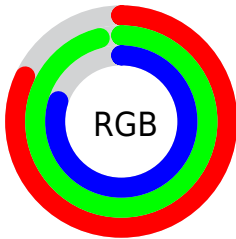
Format	Color
R_{YB}	204, 245, 241
Decimal	13694412
CIE _{Lab}	93.05, -19.42, 15.83
CIE _{LCh}	93, 25.056, 140.829
Yxy	83.0743, 0.3132, 0.3740
Android (android.graphics.Color)	4291884492 (0xFFD0F5CC)
YUV	229.2630, -12.4547, -18.6477
Hunter-Lab	91.1451, -23.2586, 18.6045

Details

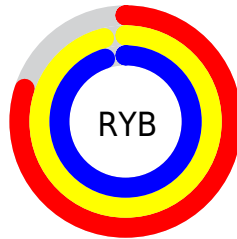
The Yxy color **83.0743, 0.3132, 0.3740** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.4583, 0.3117, 0.2871**, and the grayscale version is **78.6621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.3695, 0.3125, 0.3849** is the 20% darker color. If you saturate the color by 10%, you get **79.0123, 0.3132, 0.4051**, and if you desaturate by 10%, it is **87.7737, 0.3130, 0.3460**.

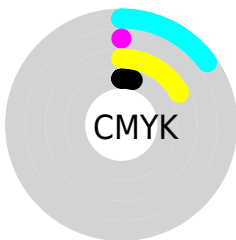
Distribution



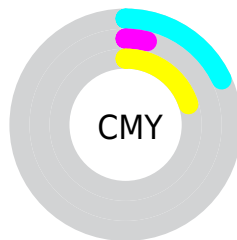
- Red (82%)
- Green (96%)
- Blue (80%)



- Red (80%)
- Yellow (96%)
- Blue (95%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (4%)




- Cyan (18%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.0743, 0.3132, 0.3740 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 83.0743, 0.3132, 0.3740 by changing the saturation by 10% instead.


 83.0743, 0.3132,
0.3740

 83.0743, 0.3132,
0.3740

505.2341, 0.3133,
0.3531

 62.2514, 0.3131,
0.3788


137.6795, 0.3133,
0.3667

 45.2359, 0.3129,
0.3848


172.2307, 0.3133,
0.3639

 31.6433, 0.3127,
0.3923


212.1267, 0.3133,
0.3615

 21.0892, 0.3122,
0.4023

257.7521, 0.3133,
0.3593

 13.1892, 0.3115,
0.4158

309.4911, 0.3133,
0.3575

 7.5590, 0.3099,
0.4354

367.7281, 0.3133,

 3.8141, 0.3067,

0.3558

0.4662

432.8477, 0.3133,
0.3544

■ 1.5701, 0.3065,
0.5347

■ 0.3373, 0.0000,
1.0000

■ 83.0743, 0.3132,
0.3740

■ 83.0743, 0.3132,
0.3740

■ 79.0123, 0.3132,
0.4051

■ 87.7737, 0.3130,
0.3460

■ 75.5502, 0.3128,
0.4389

■ 93.1251, 0.3126,
0.3213

■ 72.6625, 0.3121,
0.4740

■ 93.7839, 0.3132,
0.3194

■ 70.3182, 0.3108,
0.5087

■ 68.4830, 0.3091,
0.5406

■ 67.1186, 0.3070,
0.5671

■ 66.1815, 0.3047,
0.5859

■ 65.6195, 0.3024,
0.5964

■ 65.5011, 0.3019,
0.5985

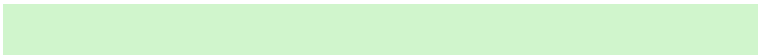
Harmonies

Analogous

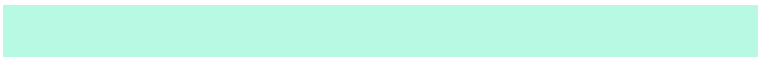
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0743, 0.3415, 0.3805



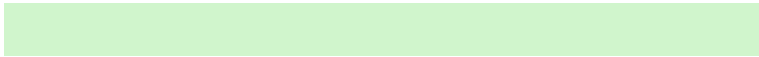
83.0743, 0.3132, 0.3740



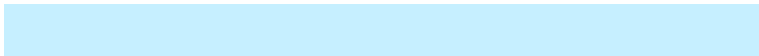
83.0743, 0.2857, 0.3535

Triad

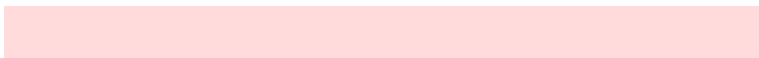
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0743, 0.3132, 0.3740



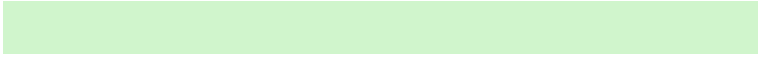
83.0743, 0.2644, 0.2854



83.0743, 0.3616, 0.3288

Complementary

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



83.0743, 0.3132, 0.3740



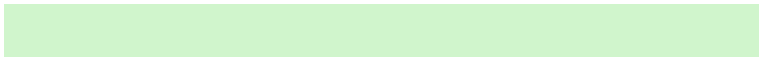
68.4583, 0.3117, 0.2871

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.



83.0743, 0.3392, 0.3060



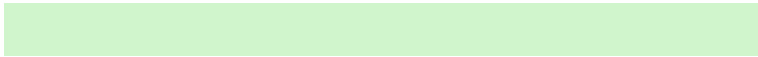
83.0743, 0.3132, 0.3740



83.0743, 0.2829, 0.2814

Square

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



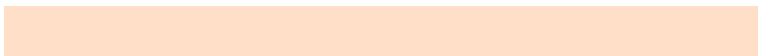
83.0743, 0.3132, 0.3740



83.0743, 0.2583, 0.3012



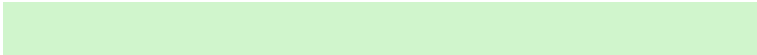
83.0743, 0.3101, 0.2889



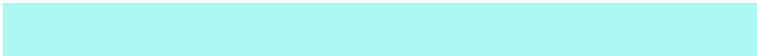
83.0743, 0.3703, 0.3528

Rectangle

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



83.0743, 0.3132, 0.3740



83.0743, 0.2713, 0.3354



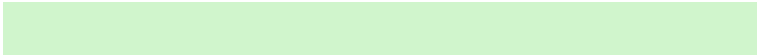
83.0743, 0.3101, 0.2889



83.0743, 0.3554, 0.3208

Sweetspot

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



83.0779, 0.3132, 0.3740



97.0917, 0.3129, 0.3415



86.6202, 0.3386, 0.3667



20.6973, 0.3129, 0.3433



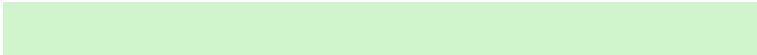
0.0000, 0.0000, 0.0000



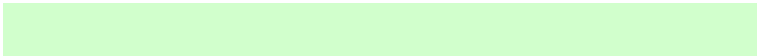
21.4041, 0.3127, 0.3290

Same Dimension

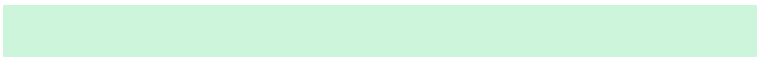
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0779, 0.3132, 0.3740



89.4417, 0.3132, 0.3839



83.3261, 0.3011, 0.3558



18.5504, 0.3131, 0.3534



35.3137, 0.3023, 0.5982



3.1295, 0.3073, 0.5942

Inverse Universe

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



68.4583, 0.3117, 0.2871



70.7212, 0.3114, 0.2786



68.2221, 0.3264, 0.3036



16.6801, 0.3122, 0.3056



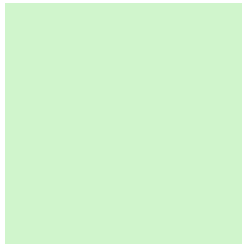
11.8470, 0.2961, 0.1405



1.0649, 0.2994, 0.1423

Previews

White Background



This preview shows how the Yxy color 83.0743, 0.3132, 0.3740 looks on a white background.

Color Contrast Check

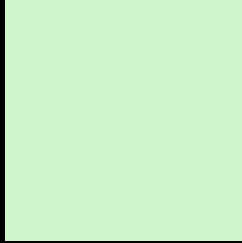
Large Text (above 18pt) WCAG AA × Fail

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 83.0743, 0.3132, 0.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

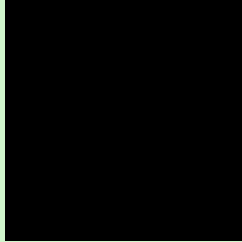
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

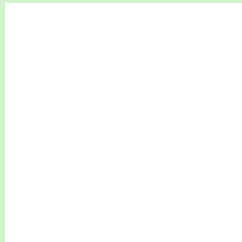
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.0743, 0.3132, 0.3740

Background



This preview shows how black text looks on a background with the Yxy color 83.0743, 0.3132, 0.3740.

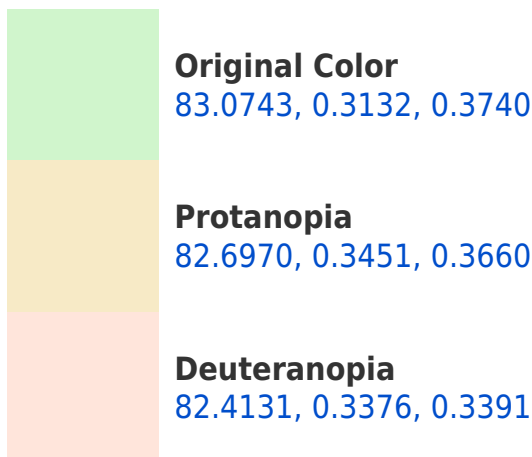


This preview shows how white text looks on a background with the Yxy color 83.0743, 0.3132, 0.3740.

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

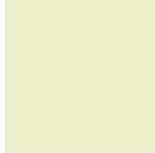
82.6938, 0.2899, 0.3104

Trichromacy



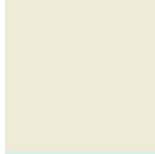
Original Color

83.0743, 0.3132, 0.3740



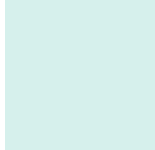
Protanomaly

82.6428, 0.3332, 0.3691



Deuteranomaly

82.4488, 0.3281, 0.3508



Tritanomaly

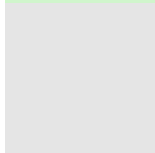
82.6724, 0.2984, 0.3332

Monochromacy



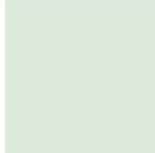
Original Color

83.0743, 0.3132, 0.3740



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

79.9561, 0.3126, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.0743, 0.3132, 0.3740 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(208, 245, 204)` looks like.

```
.text, #text, p{  
    color:rgb(208, 245, 204)  
}
```

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(208, 245, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 245, 204) }
```

Border

The CSS property to change the border of an element to Yxy 83.0743, 0.3132, 0.3740 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(208, 245, 204) }
```

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

```
.border{ border-color:rgb(208, 245, 204) }
```

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

Here you see how a box with a 4 pixel rgb(208, 245, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 245, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 245, 204);  
box-shadow:4px 4px 4px 4px rgb(208, 245,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 83.0743, 0.3132, 0.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 245, 204) }
```

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

```
.background{ background-color: rgb(208,  
245, 204) }
```

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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