

Converting Colors

$Yxy(91.8184, 0.3250, 0.3850)$

Have a look what the booklet for
Yxy(91.8184, 0.3250, 0.3850)
contains.

Yxy(91.7446, 0.3250, 0.3855)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.7446, 0.3250, 0.3855)

Conversions

Conversions Part 1

Format	Color
Hex	E1FFC9
RGB	225, 255, 201
RGB Percent	88%, 100%, 79%
CMY	0.1178, 0.0000, 0.2117
CMYK	0.12, 0.00, 0.21, 0.00
HSL	93°, 100%, 89%
HSV	93°, 21%, 100%
XYZ	77.3463, 91.7446, 68.8977
YIQ	239.8740, -0.5460, -23.1540

Conversions

Conversions Part 2

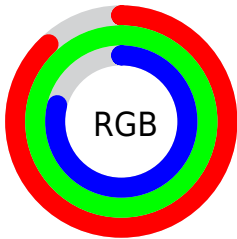
Format	Color
RYB	201, 255, 231
Decimal	14811081
CIELab	96.72, -19.04, 22.63
CIElCh	97, 29.576, 130.066
Yxy	91.7446, 0.3250, 0.3855
Android (android.graphics.Color)	4293001161 (0xFFE1FFC9)
YUV	239.8740, -19.1649, -13.0445
Hunter-Lab	95.7834, -23.4800, 24.4007

Details

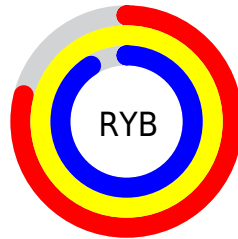
The Yxy color **91.7446, 0.3250, 0.3855** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.9974, 0.2978, 0.2733**, and the grayscale version is **87.1783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9298, 0.3268, 0.3979** is the 20% darker color. If you saturate the color by 10%, you get **88.4511, 0.3303, 0.4153**, and if you desaturate by 10%, it is **95.4163, 0.3193, 0.3575**.

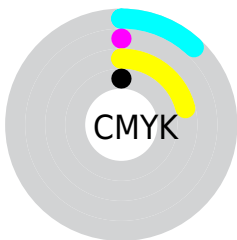
Distribution



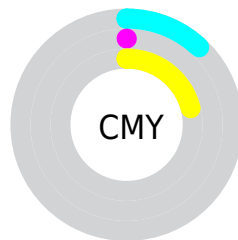
- Red (88%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (91%)



- Cyan (12%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.7446, 0.3250, 0.3855 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 91.7446, 0.3250, 0.3855 by changing the saturation by 10% instead.


 91.7446, 0.3250,
0.3855

 91.7446, 0.3250,
0.3855

533.6898, 0.3200,
0.3597

 69.4285, 0.3260,
0.3913

149.7594, 0.3234,
0.3766

 51.0608, 0.3271,
0.3985


186.2268, 0.3227,
0.3731

 36.2570, 0.3285,
0.4074


228.1802, 0.3221,
0.3701

 24.6327, 0.3300,
0.4190

276.0039, 0.3216,
0.3675

 15.8036, 0.3317,
0.4345

330.0823, 0.3211,
0.3652

 9.3853, 0.3335,
0.4562

390.7999, 0.3207,

 4.9933, 0.3347,

0.3631

0.4885

458.5409, 0.3203,
0.3613

■ 2.2434, 0.3403,
0.5531

■ 0.7435, 0.2455,
0.7545

■ 91.7446, 0.3250,
0.3855

■ 91.7446, 0.3250,
0.3855

■ 88.4511, 0.3303,
0.4153

■ 95.4163, 0.3193,
0.3575

■ 85.5371, 0.3348,
0.4462

■ 99.4955, 0.3134,
0.3319

■ 82.9820, 0.3381,
0.4770

■ 100.0000, 0.3127,
0.3290

■ 80.7692, 0.3398,
0.5063

■ 78.8802, 0.3396,
0.5324

■ 77.2947, 0.3372,
0.5536

■ 75.9888, 0.3329,
0.5689

■ 75.0387, 0.3279,
0.5778

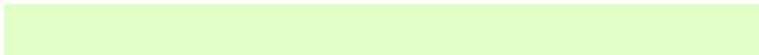
Harmonies

Analogous

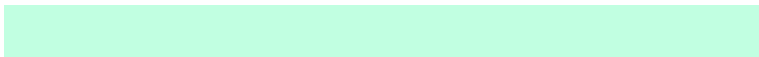
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7446, 0.3555, 0.3862



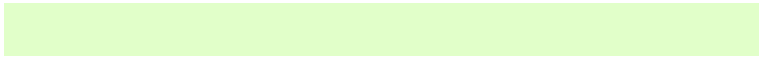
91.7446, 0.3250, 0.3855



91.7446, 0.2923, 0.3670

Triad

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



91.7446, 0.3250, 0.3855



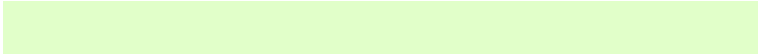
91.7446, 0.2536, 0.2842



91.7446, 0.3609, 0.3189

Complementary

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



91.7446, 0.3250, 0.3855



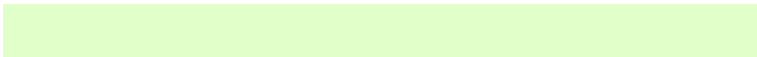
65.9974, 0.2978, 0.2733

Split Complementary

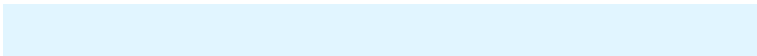
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.7446, 0.3313, 0.2949



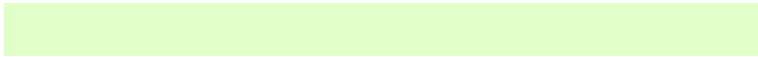
91.7446, 0.3250, 0.3855



91.7446, 0.2698, 0.2750

Square

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



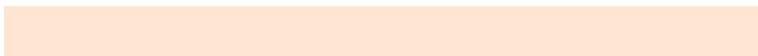
91.7446, 0.3250, 0.3855



91.7446, 0.2523, 0.3063



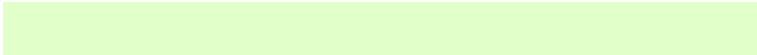
91.7446, 0.2978, 0.2792



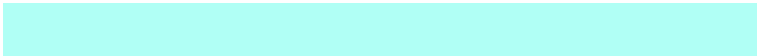
91.7446, 0.3772, 0.3462

Rectangle

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



91.7446, 0.3250, 0.3855



91.7446, 0.2737, 0.3476



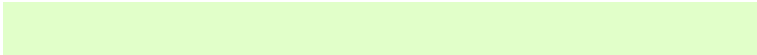
91.7446, 0.2978, 0.2792



91.7446, 0.3521, 0.3103

Sweetspot

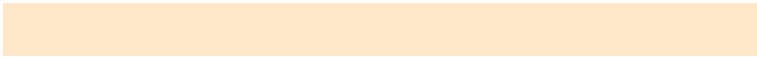
The Sweet Spot groups the original color and five complimentary colors.



91.7393, 0.3250, 0.3855



97.4745, 0.3162, 0.3440



82.4653, 0.3495, 0.3590



20.8066, 0.3166, 0.3456



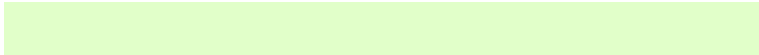
0.0000, 0.0000, 0.0000



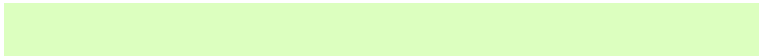
21.4041, 0.3127, 0.3290

Same Dimension

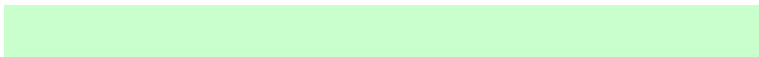
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.7393, 0.3250, 0.3855



90.4350, 0.3271, 0.3967



88.2854, 0.3085, 0.3851



20.5624, 0.3183, 0.3531



39.2946, 0.3291, 0.5769



3.8895, 0.3379, 0.5699

Inverse Universe

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



65.9974, 0.2978, 0.2733



60.8761, 0.2946, 0.2624



70.0873, 0.3171, 0.2787



17.8761, 0.3067, 0.3051



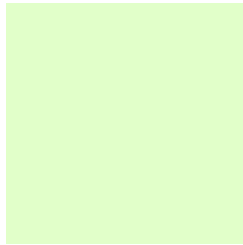
6.8619, 0.2135, 0.0950



0.7329, 0.2251, 0.1014

Previews

White Background



This preview shows how the Yxy color 91.7446, 0.3250, 0.3855 looks on a white background.

Color Contrast Check

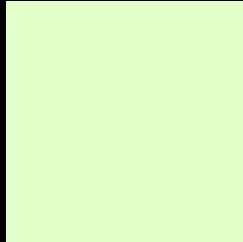
Large Text (above 18pt) WCAG AA × Fail

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 91.7446, 0.3250, 0.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

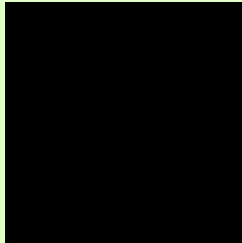
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

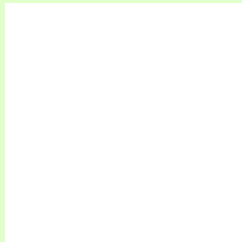
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.7446, 0.3250, 0.3855

Background



This preview shows how black text looks on a background with the Yxy color 91.7446, 0.3250, 0.3855.

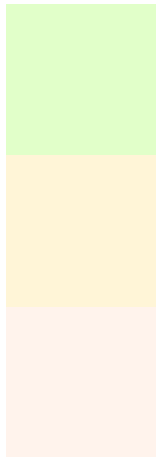


This preview shows how white text looks on a background with the Yxy color 91.7446, 0.3250, 0.3855.

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



Original Color

91.7446, 0.3250, 0.3855

Protanopia

91.4711, 0.3378, 0.3587

Deuteranopia

91.4173, 0.3249, 0.3359

Tritanopia

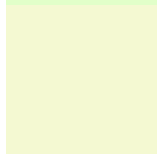
91.6568, 0.3037, 0.3201

Trichromacy



Original Color

91.7446, 0.3250, 0.3855



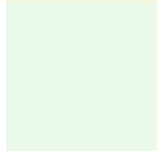
Protanomaly

91.6376, 0.3329, 0.3684



Deuteranomaly

91.0823, 0.3252, 0.3531



Tritanomaly

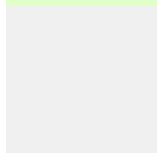
91.4117, 0.3121, 0.3431

Monochromacy



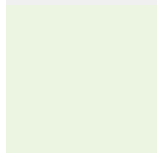
Original Color

91.7446, 0.3250, 0.3855



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.4580, 0.3176, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7446, 0.3250, 0.3855 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(225, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 201)  
}
```

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(225, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 201) }
```

Border

The CSS property to change the border of an element to Yxy 91.7446, 0.3250, 0.3855 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(225, 255, 201) }
```

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

```
.border{ border-color:rgb(225, 255, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 255, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 91.7446, 0.3250, 0.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 201) }
```

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

```
.background{ background-color: rgb(225,  
255, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor