

Converting Colors

$Y_{xy}(92.5779, 0.3181, 0.3712)$

Have a look what the booklet for
Yxy(92.5779, 0.3181, 0.3712)
contains.

Yxy(92.5438, 0.3182, 0.3715)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.5438, 0.3182, 0.3715)

Conversions

Conversions Part 1

Format	Color
Hex	E2FFD6
RGB	226, 255, 214
RGB Percent	89%, 100%, 84%
CMY	0.1136, 0.0000, 0.1608
CMYK	0.11, 0.00, 0.16, 0.00
HSL	102°, 100%, 92%
HSV	102°, 16%, 100%
XYZ	79.2663, 92.5438, 77.2984
YIQ	241.6550, -4.1230, -18.8990

Conversions

Conversions Part 2

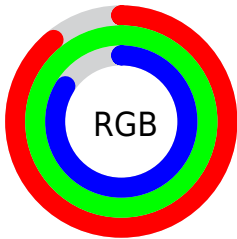
Format	Color
R_{YB}	214, 255, 243
Decimal	14876630
CIE _{Lab}	97.04, -16.61, 16.48
CIE _{LCh}	97, 23.404, 135.222
Yxy	92.5438, 0.3182, 0.3715
Android (android.graphics.Color)	4293066710 (0xFFE2FFD6)
YUV	241.6550, -13.6339, -13.7294
Hunter-Lab	96.1997, -21.2696, 19.6991

Details

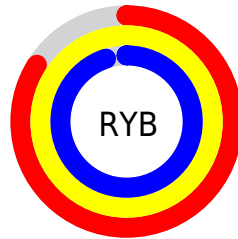
The Yxy color **92.5438, 0.3182, 0.3715** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.3598, 0.3061, 0.2880**, and the grayscale version is **88.6233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.4374, 0.3189, 0.3812** is the 20% darker color. If you saturate the color by 10%, you get **88.5829, 0.3213, 0.4014**, and if you desaturate by 10%, it is **97.0222, 0.3148, 0.3442**.

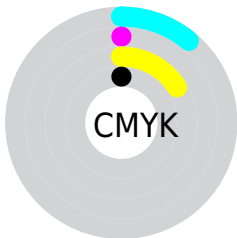
Distribution



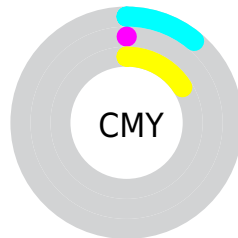
- Red (89%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.5438, 0.3182, 0.3715 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 92.5438, 0.3182, 0.3715 by changing the saturation by 10% instead.


 92.5438, 0.3182,
0.3715

 92.5438, 0.3182,
0.3715


536.2715, 0.3160,
0.3522

 70.0924, 0.3186,
0.3758

150.8669, 0.3175,
0.3649

 51.6019, 0.3191,
0.3811


187.5073, 0.3172,
0.3623

 36.6878, 0.3196,
0.3878


229.6462, 0.3170,
0.3600

 24.9659, 0.3202,
0.3964

277.6680, 0.3167,
0.3580

 16.0516, 0.3209,
0.4079

331.9570, 0.3165,
0.3563

 9.5607, 0.3215,
0.4241

392.8976, 0.3164,

 5.1087, 0.3217,

0.3548

0.4485

460.8743, 0.3162,
0.3534

■ 2.3112, 0.3203,
0.4889

■ 0.7796, 0.3008,
0.6992

■ 92.5438, 0.3182,
0.3715

■ 92.5438, 0.3182,
0.3715

■ 88.5829, 0.3213,
0.4014

■ 97.0222, 0.3148,
0.3442

■ 85.1096, 0.3238,
0.4333

100.0000, 0.3127,
0.3290

■ 82.1074, 0.3255,
0.4662

■ 79.5547, 0.3260,
0.4988

■ 77.4282, 0.3252,
0.5290

■ 75.7022, 0.3229,
0.5547

■ 74.3475, 0.3191,
0.5743

■ 73.3300, 0.3143,
0.5867

■ 73.0082, 0.3124,
0.5902

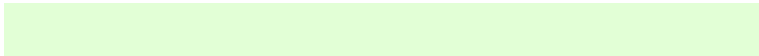
Harmonies

Analogous

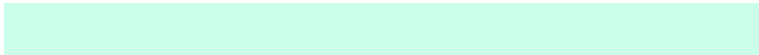
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5438, 0.3430, 0.3749



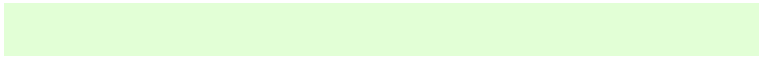
92.5438, 0.3182, 0.3715



92.5438, 0.2927, 0.3551

Triad

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



92.5438, 0.3182, 0.3715



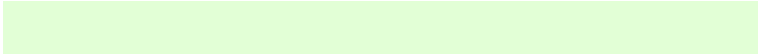
92.5438, 0.2671, 0.2916



92.5438, 0.3538, 0.3249

Complementary

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



92.5438, 0.3182, 0.3715



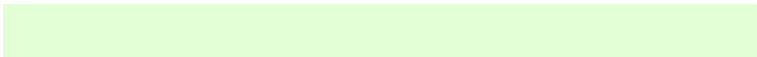
74.3598, 0.3061, 0.2880

Split Complementary

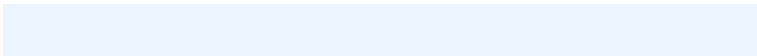
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.5438, 0.3319, 0.3048



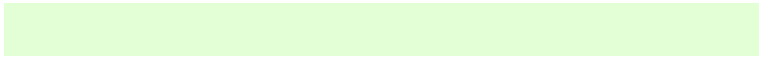
92.5438, 0.3182, 0.3715



92.5438, 0.2820, 0.2857

Square

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



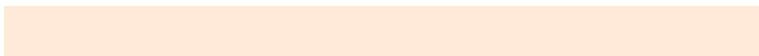
92.5438, 0.3182, 0.3715



92.5438, 0.2639, 0.3078



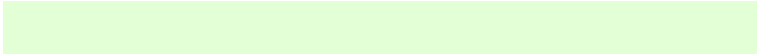
92.5438, 0.3055, 0.2907



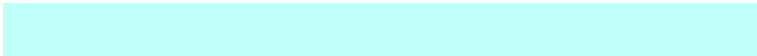
92.5438, 0.3642, 0.3468

Rectangle

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



92.5438, 0.3182, 0.3715



92.5438, 0.2786, 0.3395



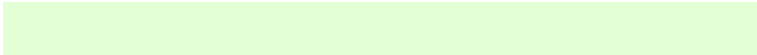
92.5438, 0.3055, 0.2907



92.5438, 0.3475, 0.3178

Sweetspot

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



92.5475, 0.3182, 0.3715



97.5370, 0.3145, 0.3414



90.0356, 0.3388, 0.3575



20.8051, 0.3147, 0.3433



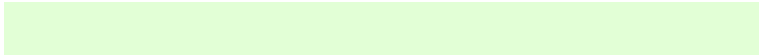
0.0000, 0.0000, 0.0000



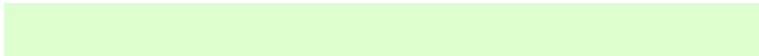
21.4041, 0.3127, 0.3290

Same Dimension

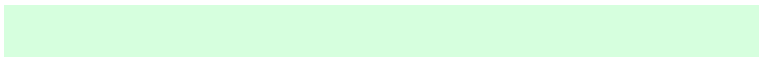
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5475, 0.3182, 0.3715



91.3381, 0.3191, 0.3800



91.0998, 0.3061, 0.3635



20.4263, 0.3160, 0.3533



38.2146, 0.3134, 0.5893



3.7741, 0.3216, 0.5829

Inverse Universe

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



74.3598, 0.3061, 0.2880



70.2910, 0.3047, 0.2802



76.0534, 0.3201, 0.2968



18.0171, 0.3091, 0.3052



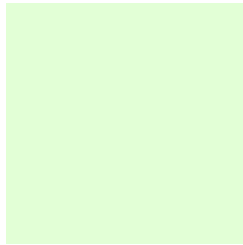
8.9353, 0.2477, 0.1138



0.9263, 0.2562, 0.1185

Previews

White Background



This preview shows how the Yxy color 92.5438, 0.3182, 0.3715 looks on a white background.

Color Contrast Check

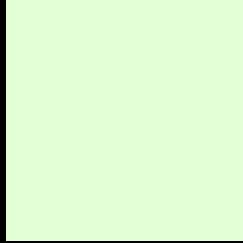
Large Text (above 18pt) WCAG AA × Fail

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 92.5438, 0.3182, 0.3715 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

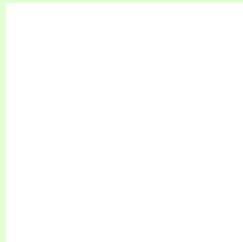
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.5438, 0.3182, 0.3715

Background



This preview shows how black text looks on a background with the Yxy color 92.5438, 0.3182, 0.3715.

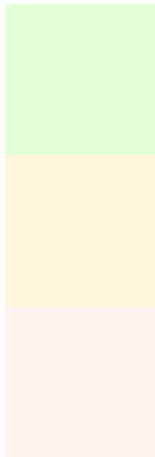


This preview shows how white text looks on a background with the Yxy color 92.5438, 0.3182, 0.3715.

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

92.5438, 0.3182, 0.3715

Protanopia

92.4455, 0.3333, 0.3526

Deuteranopia

92.2526, 0.3223, 0.3329

Tritanopia

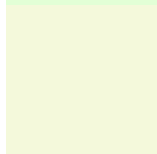
92.4423, 0.3043, 0.3211

Trichromacy



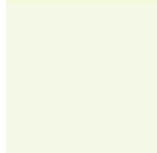
Original Color

92.5438, 0.3182, 0.3715



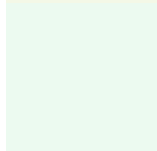
Protanomaly

92.0989, 0.3274, 0.3591



Deuteranomaly

92.1374, 0.3203, 0.3460



Tritanomaly

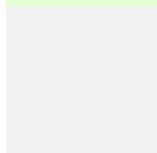
92.4954, 0.3097, 0.3390

Monochromacy



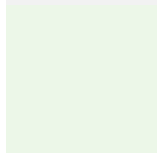
Original Color

92.5438, 0.3182, 0.3715



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.1806, 0.3146, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5438, 0.3182, 0.3715 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(226, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 214)  
}
```

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(226, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 214) }
```

Border

The CSS property to change the border of an element to Yxy 92.5438, 0.3182, 0.3715 is called "border". The border property can be set on classes, ids or directly on the HTML element.

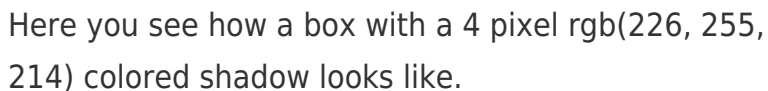
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 255, 214) }
```

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

```
.border{ border-color:rgb(226, 255, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 255, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5438, 0.3182, 0.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 214) }
```

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

```
.background{ background-color: rgb(226,  
255, 214) }
```

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