

Converting Colors

$Yxy(92.4571, 0.3246, 0.3806)$

Have a look what the booklet for
Yxy(92.4571, 0.3246, 0.3806)
contains.

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Color

Yxy(92.4218, 0.3247, 0.3809)

Conversions

Conversions Part 1

Format	Color
Hex	E4FFCD
RGB	228, 255, 205
RGB Percent	89%, 100%, 80%
CMY	0.1057, 0.0000, 0.1961
CMYK	0.11, 0.00, 0.20, 0.00
HSL	92°, 100%, 90%
HSV	92°, 20%, 100%
XYZ	78.7854, 92.4218, 71.4334
YIQ	241.2270, -0.0420, -21.2740

Conversions

Conversions Part 2

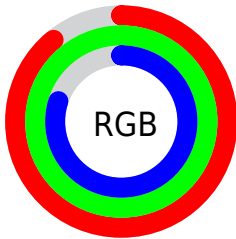
Format	Color
R_{YB}	205, 255, 232
Decimal	15007693
CIE _{Lab}	96.99, -17.35, 21.03
CIE _{LCh}	97, 27.265, 129.527
Y _{xy}	92.4218, 0.3247, 0.3809
Android (android.graphics.Color)	4293197773 (0xFFE4FFCD)
YUV	241.2270, -17.8599, -11.6001
Hunter-Lab	96.1363, -21.9545, 23.2404

Details

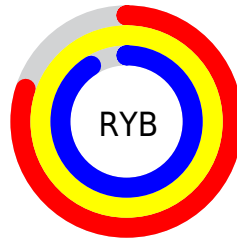
The Yxy color **92.4218, 0.3247, 0.3809** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.0179, 0.2985, 0.2776**, and the grayscale version is **88.3028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3932, 0.3263, 0.3919** is the 20% darker color. If you saturate the color by 10%, you get **89.1343, 0.3304, 0.4103**, and if you desaturate by 10%, it is **96.0965, 0.3186, 0.3534**.

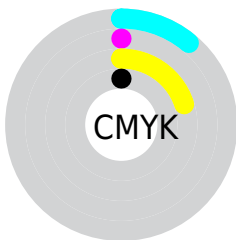
Distribution



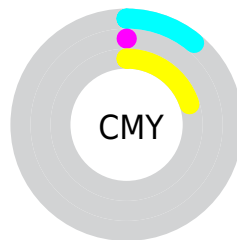
- Red (89%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4218, 0.3247, 0.3809 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 92.4218, 0.3247, 0.3809 by changing the saturation by 10% instead.


 92.4218, 0.3247,
0.3809

 92.4218, 0.3247,
0.3809


535.8778, 0.3198,
0.3573

 69.9910, 0.3257,
0.3862


150.6979, 0.3231,
0.3728

 51.5192, 0.3269,
0.3927


187.3119, 0.3224,
0.3696

 36.6220, 0.3282,
0.4009


229.4226, 0.3219,
0.3668

 24.9150, 0.3298,
0.4114

277.4141, 0.3213,
0.3644

 16.0137, 0.3317,
0.4254

331.6710, 0.3209,
0.3623

 9.5338, 0.3338,
0.4451

392.5777, 0.3205,

 5.0910, 0.3357,

0.3604

0.4744

460.5185, 0.3201,
0.3588

■ 2.3008, 0.3395,
0.5279

■ 0.7741, 0.2874,
0.7126

■ 92.4218, 0.3247,
0.3809

■ 92.4218, 0.3247,
0.3809

■ 89.1343, 0.3304,
0.4103

■ 96.0965, 0.3186,
0.3534

■ 86.2082, 0.3353,
0.4409

99.9958, 0.3127,
0.3290

■ 83.6327, 0.3391,
0.4716

■ 81.3917, 0.3414,
0.5010

■ 79.4679, 0.3417,
0.5274

■ 77.8416, 0.3398,
0.5492

■ 76.4903, 0.3359,
0.5653

■ 75.3813, 0.3304,
0.5757

■ 75.3418, 0.3301,
0.5761

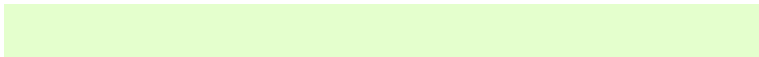
Harmonies

Analogous

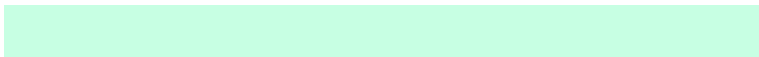
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4218, 0.3526, 0.3814



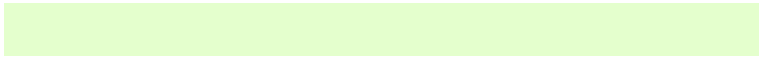
92.4218, 0.3247, 0.3809



92.4218, 0.2946, 0.3643

Triad

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



92.4218, 0.3247, 0.3809



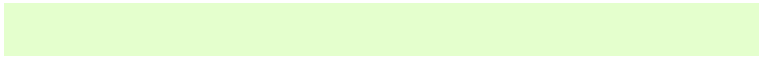
92.4218, 0.2580, 0.2881



92.4218, 0.3566, 0.3193

Complementary

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



92.4218, 0.3247, 0.3809



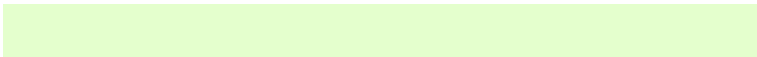
68.0179, 0.2985, 0.2776

Split Complementary

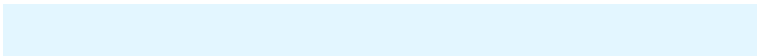
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.4218, 0.3293, 0.2972



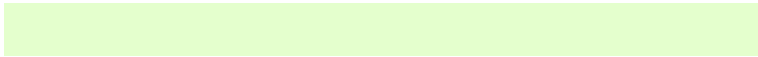
92.4218, 0.3247, 0.3809



92.4218, 0.2728, 0.2792

Square

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



92.4218, 0.3247, 0.3809



92.4218, 0.2570, 0.3087



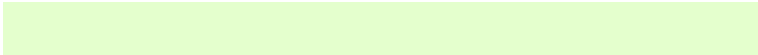
92.4218, 0.2985, 0.2828



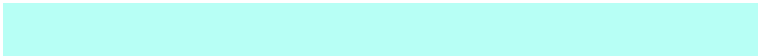
92.4218, 0.3718, 0.3446

Rectangle

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



92.4218, 0.3247, 0.3809



92.4218, 0.2772, 0.3467



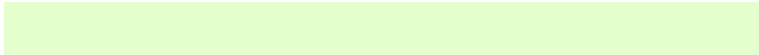
92.4218, 0.2985, 0.2828



92.4218, 0.3485, 0.3114

Sweetspot

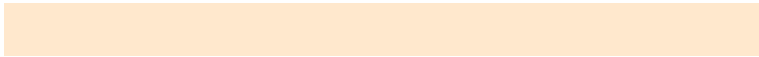
The Sweet Spot groups the original color and five complimentary colors.



92.4258, 0.3247, 0.3809



97.5237, 0.3164, 0.3440



83.1856, 0.3466, 0.3559



20.8182, 0.3168, 0.3456



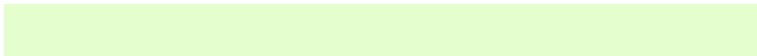
0.0000, 0.0000, 0.0000



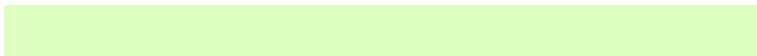
21.4041, 0.3127, 0.3290

Same Dimension

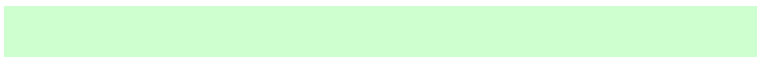
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4258, 0.3247, 0.3809



90.9409, 0.3273, 0.3936



88.9808, 0.3092, 0.3814



20.5787, 0.3186, 0.3531



39.4566, 0.3313, 0.5751



3.9059, 0.3401, 0.5682

Inverse Universe

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



68.0179, 0.2985, 0.2776



62.0076, 0.2946, 0.2652



72.0268, 0.3162, 0.2817



17.8597, 0.3064, 0.3050



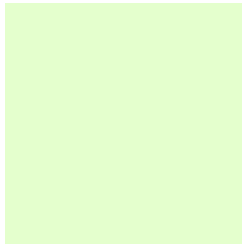
6.6575, 0.2098, 0.0930



0.7132, 0.2217, 0.0995

Previews

White Background



This preview shows how the Yxy color 92.4218, 0.3247, 0.3809 looks on a white background.

Color Contrast Check

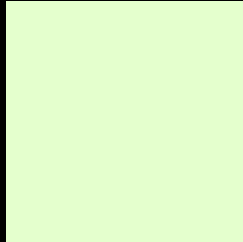
Large Text (above 18pt) WCAG AA × Fail

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 92.4218, 0.3247, 0.3809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

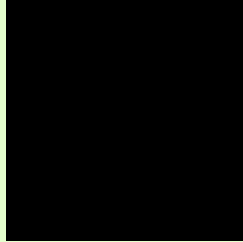
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

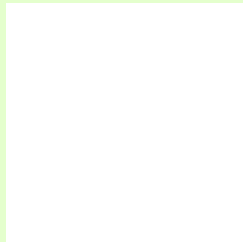
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.4218, 0.3247, 0.3809

Background



This preview shows how black text looks on a background with the Yxy color 92.4218, 0.3247, 0.3809.

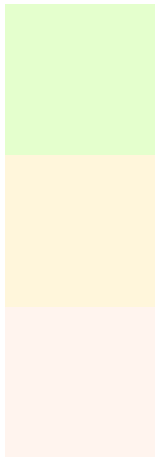


This preview shows how white text looks on a background with the Yxy color 92.4218, 0.3247, 0.3809.

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

92.4218, 0.3247, 0.3809

Protanopia

92.2860, 0.3352, 0.3556

Deuteranopia

92.1344, 0.3236, 0.3349

Tritanopia

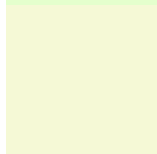
92.0088, 0.3049, 0.3202

Trichromacy



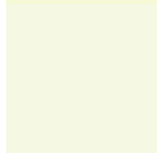
Original Color

92.4218, 0.3247, 0.3809



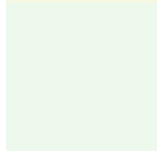
Protanomaly

92.0189, 0.3312, 0.3642



Deuteranomaly

92.0383, 0.3240, 0.3510



Tritanomaly

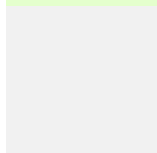
91.8703, 0.3122, 0.3410

Monochromacy



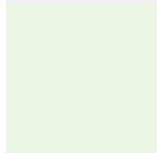
Original Color

92.4218, 0.3247, 0.3809



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.3458, 0.3170, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4218, 0.3247, 0.3809 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(228, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 205)  
}
```

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(228, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 205) }
```

Border

The CSS property to change the border of an element to Yxy 92.4218, 0.3247, 0.3809 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(228, 255, 205) }
```

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

```
.border{ border-color:rgb(228, 255, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 255, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4218, 0.3247, 0.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 205) }
```

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

```
.background{ background-color: rgb(228,  
255, 205) }
```

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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