

Converting Colors

$Yxy(92.1805, 0.3306, 0.3904)$

Have a look what the booklet for
Yxy(92.1805, 0.3306, 0.3904)
contains.

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Color

Yxy(92.1635, 0.3305, 0.3904)

Conversions

Conversions Part 1

Format	Color
Hex	E5FFC4
RGB	229, 255, 196
RGB Percent	90%, 100%, 77%
CMY	0.1022, 0.0000, 0.2315
CMYK	0.10, 0.00, 0.23, 0.00
HSL	86°, 100%, 88%
HSV	86°, 23%, 100%
XYZ	78.0226, 92.1635, 65.8884
YIQ	240.5000, 3.4430, -23.8610

Conversions

Conversions Part 2

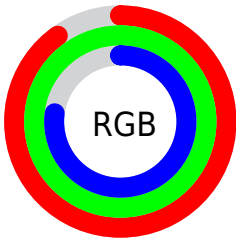
Format	Color
R _Y B	196, 255, 222
Decimal	15073220
CIE Lab	96.89, -18.42, 25.47
CIE LCh	97, 31.430, 125.876
Yxy	92.1635, 0.3305, 0.3904
Android (android.graphics.Color)	4293263300 (0xFFE5FFC4)
YUV	240.5000, -21.9385, -10.0855
Hunter-Lab	96.0018, -22.9326, 26.5091

Details

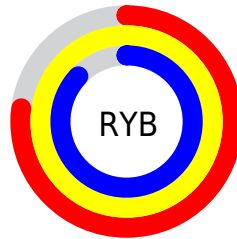
The Yxy color **92.1635, 0.3305, 0.3904** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.2253, 0.2913, 0.2669**, and the grayscale version is **87.7080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **51.2254, 0.3337, 0.4040** is the 20% darker color. If you saturate the color by 10%, you get **89.2987, 0.3376, 0.4194**, and if you desaturate by 10%, it is **95.3272, 0.3229, 0.3626**.

Distribution



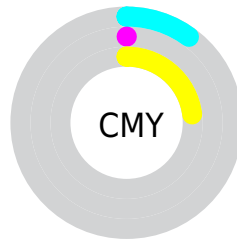
- Red (90%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.1635, 0.3305, 0.3904 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 92.1635, 0.3305, 0.3904 by changing the saturation by 10% instead.

 92.1635, 0.3305,
0.3904

 92.1635, 0.3305,
0.3904


535.0438, 0.3231,
0.3624

 69.7764, 0.3320,
0.3967


150.3400, 0.3281,
0.3808

 51.3443, 0.3337,
0.4044


186.8982, 0.3271,
0.3770

 36.4827, 0.3358,
0.4140


228.9489, 0.3263,
0.3737

 24.8072, 0.3381,
0.4265

276.8765, 0.3255,
0.3709

 15.9335, 0.3409,
0.4430

331.0654, 0.3248,
0.3684

 9.4771, 0.3440,
0.4660

391.9000, 0.3242,

 5.0537, 0.3468,

0.3661

0.4999

459.7646, 0.3236,
0.3642

■ 2.2788, 0.3602,
0.5754

■ 0.7624, 0.2651,
0.7349

■ 92.1635, 0.3305,
0.3904

■ 92.1635, 0.3305,
0.3904

■ 89.2987, 0.3376,
0.4194

■ 95.3272, 0.3229,
0.3626


■ 86.7483, 0.3439,
0.4490


■ 98.8289, 0.3151,
0.3367


■ 84.4899, 0.3488,
0.4778


100.0000, 0.3127,
0.3290

■ 82.5092, 0.3518,
0.5046

 80.7901, 0.3527,
0.5278

 79.3147, 0.3511,
0.5463

 78.0613, 0.3472,
0.5592

 77.3103, 0.3436,
0.5653

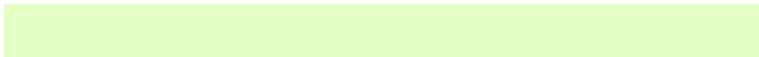
Harmonies

Analogous

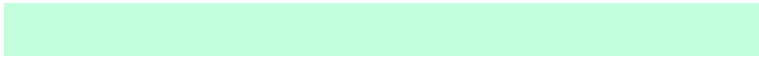
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1635, 0.3618, 0.3883



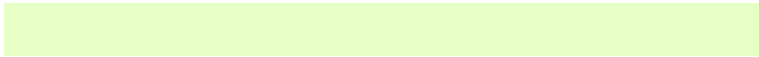
92.1635, 0.3305, 0.3904



92.1635, 0.2956, 0.3732

Triad

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



92.1635, 0.3305, 0.3904



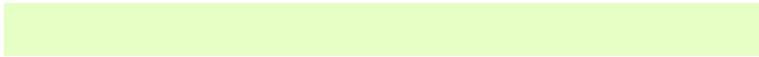
92.1635, 0.2491, 0.2839



92.1635, 0.3601, 0.3143

Complementary

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



92.1635, 0.3305, 0.3904



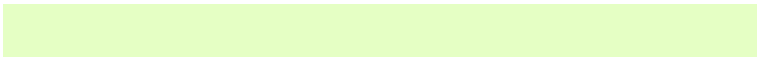
62.2253, 0.2913, 0.2669

Split Complementary

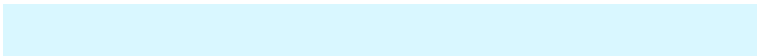
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1635, 0.3274, 0.2901



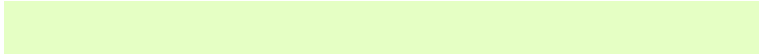
92.1635, 0.3305, 0.3904



92.1635, 0.2640, 0.2723

Square

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



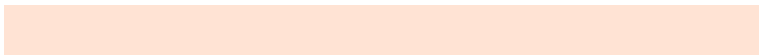
92.1635, 0.3305, 0.3904



92.1635, 0.2499, 0.3089



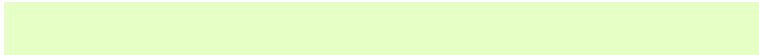
92.1635, 0.2921, 0.2749



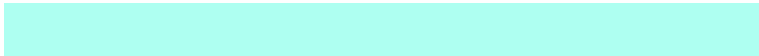
92.1635, 0.3799, 0.3430

Rectangle

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



92.1635, 0.3305, 0.3904



92.1635, 0.2751, 0.3534



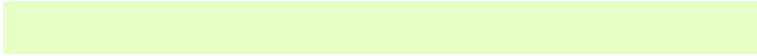
92.1635, 0.2921, 0.2749



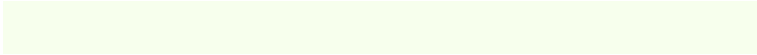
92.1635, 0.3502, 0.3055

Sweetspot

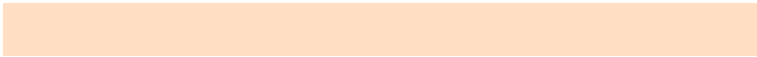
The Sweet Spot groups the original color and five complimentary colors.



92.1543, 0.3305, 0.3904



97.4394, 0.3181, 0.3465



77.2513, 0.3549, 0.3552



20.8104, 0.3186, 0.3480



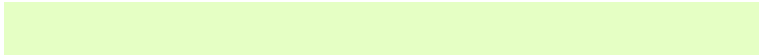
0.0000, 0.0000, 0.0000



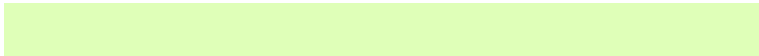
21.4041, 0.3127, 0.3290

Same Dimension

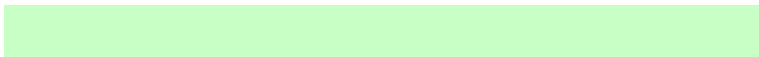
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1543, 0.3305, 0.3904



90.7290, 0.3341, 0.4044



87.7722, 0.3120, 0.3940



20.6685, 0.3201, 0.3530



40.4863, 0.3448, 0.5645



4.0068, 0.3528, 0.5580

Inverse Universe

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



62.2253, 0.2913, 0.2669



55.7996, 0.2858, 0.2525



67.2122, 0.3125, 0.2707



17.7700, 0.3048, 0.3049



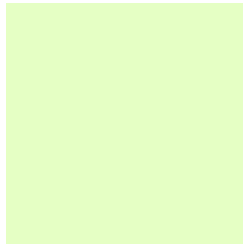
5.6767, 0.1912, 0.0827



0.6162, 0.2038, 0.0896

Previews

White Background



This preview shows how the Yxy color 92.1635, 0.3305, 0.3904 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 92.1635, 0.3305, 0.3904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

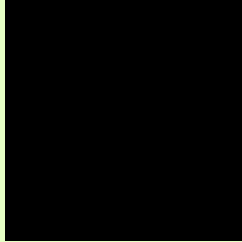
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

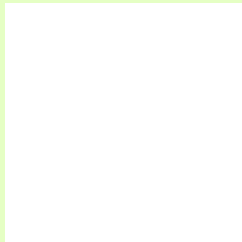
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.1635, 0.3305, 0.3904

Background



This preview shows how black text looks on a background with the Yxy color 92.1635, 0.3305, 0.3904.

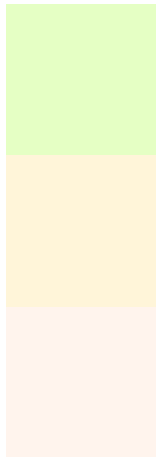


This preview shows how white text looks on a background with the Yxy color 92.1635, 0.3305, 0.3904.

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

92.1635, 0.3305, 0.3904

Protanopia

91.5746, 0.3366, 0.3567

Deuteranopia

92.0758, 0.3242, 0.3358



Tritanopia

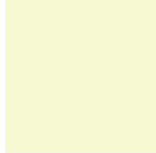
92.1862, 0.3055, 0.3202

Trichromacy



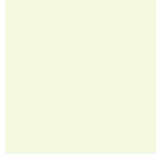
Original Color

92.1635, 0.3305, 0.3904



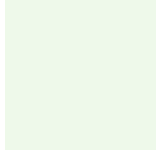
Protanomaly

91.9476, 0.3349, 0.3692



Deuteranomaly

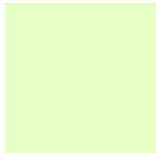
92.0016, 0.3271, 0.3550



Tritanomaly

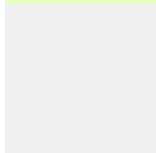
91.8690, 0.3146, 0.3441

Monochromacy



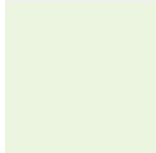
Original Color

92.1635, 0.3305, 0.3904



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.5195, 0.3195, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1635, 0.3305, 0.3904 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(229, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 196)  
}
```

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(229, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 196) }
```

Border

The CSS property to change the border of an element to Yxy 92.1635, 0.3305, 0.3904 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(229, 255, 196) }
```

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

```
.border{ border-color:rgb(229, 255, 196) }
```

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

Here you see how a box with a 4 pixel rgb(229, 255, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1635, 0.3305, 0.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 196) }
```

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

```
.background{ background-color: rgb(229,  
255, 196) }
```

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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