

Converting Colors

$Y_{xy}(100.0000, 0.3279, 0.3983)$

Have a look what the booklet for
Yxy(100.0000, 0.3279, 0.3983)
contains.

Yxy(92.4665, 0.3294, 0.3870)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.4665, 0.3294, 0.3870)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFC7
RGB	230, 255, 199
RGB Percent	90%, 100%, 78%
CMY	0.0981, 0.0000, 0.2194
CMYK	0.10, 0.00, 0.22, 0.00
HSL	87°, 100%, 89%
HSV	87°, 22%, 100%
XYZ	78.7040, 92.4665, 67.7610
YIQ	241.1410, 3.0760, -22.7160

Conversions

Conversions Part 2

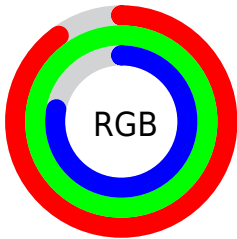
Format	Color
RYB	199, 255, 224
Decimal	15138759
CIELab	97.01, -17.59, 24.09
CIELCh	97, 29.832, 126.138
Yxy	92.4665, 0.3294, 0.3870
Android (android.graphics.Color)	4293328839 (0xFFE6FFC7)
YUV	241.1410, -20.7755, -9.7707
Hunter-Lab	96.1595, -22.1815, 25.5316

Details

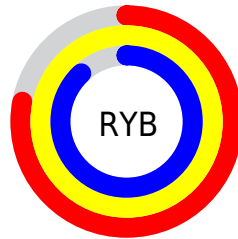
The Yxy color **92.4665, 0.3294, 0.3870** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.9459, 0.2928, 0.2704**, and the grayscale version is **88.2463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.4312, 0.3324, 0.3998** is the 20% darker color. If you saturate the color by 10%, you get **89.5556, 0.3365, 0.4160**, and if you desaturate by 10%, it is **95.7010, 0.3219, 0.3594**.

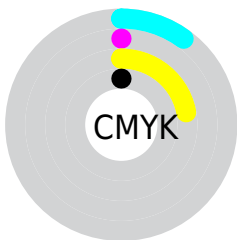
Distribution



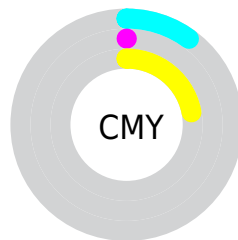
- Red (90%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (88%)



- Cyan (10%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4665, 0.3294, 0.3870 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 92.4665, 0.3294, 0.3870 by changing the saturation by 10% instead.

 92.4665, 0.3294,
0.3870

 92.4665, 0.3294,
0.3870


536.0220, 0.3225,
0.3606

 70.0282, 0.3308,
0.3929


150.7598, 0.3271,
0.3779

 51.5495, 0.3325,
0.4002

187.3835, 0.3262,
0.3744

 36.6461, 0.3344,
0.4093

229.5045, 0.3254,
0.3713

 24.9336, 0.3367,
0.4210

277.5071, 0.3247,
0.3686

 16.0276, 0.3394,
0.4366

331.7758, 0.3240,
0.3662

 9.5437, 0.3425,
0.4583

392.6949, 0.3235,

 5.0975, 0.3455,

0.3641

0.4902

460.6489, 0.3229,
0.3623

■ 2.3046, 0.3557,
0.5560

■ 0.7761, 0.2842,
0.7158

■ 92.4665, 0.3294,
0.3870

■ 92.4665, 0.3294,
0.3870

■ 89.5556, 0.3365,
0.4160

■ 95.7010, 0.3219,
0.3594

■ 86.9533, 0.3428,
0.4456

■ 99.2679, 0.3142,
0.3337

■ 84.6475, 0.3478,
0.4747


■ 100.0000, 0.3127,
0.3290

■ 82.6239, 0.3510,
0.5019

 80.8666, 0.3520,
0.5257

 79.3577, 0.3507,
0.5449

 78.0762, 0.3470,
0.5585

 77.1847, 0.3428,
0.5660

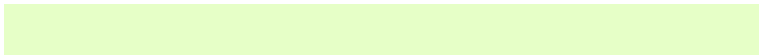
Harmonies

Analogous

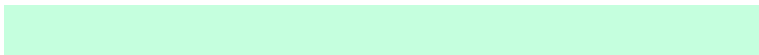
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4665, 0.3591, 0.3853



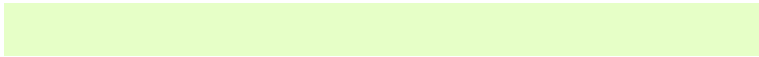
92.4665, 0.3294, 0.3870



92.4665, 0.2963, 0.3706

Triad

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



92.4665, 0.3294, 0.3870



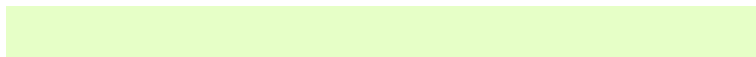
92.4665, 0.2523, 0.2861



92.4665, 0.3579, 0.3153

Complementary

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



92.4665, 0.3294, 0.3870



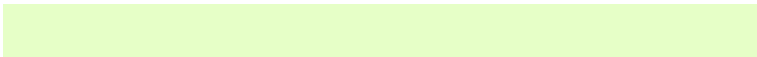
63.9459, 0.2928, 0.2704

Split Complementary

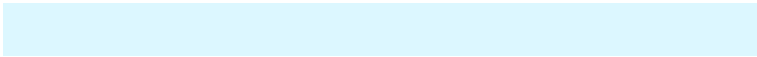
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.4665, 0.3270, 0.2921



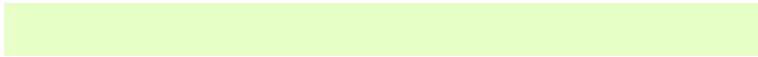
92.4665, 0.3294, 0.3870



92.4665, 0.2667, 0.2751

Square

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



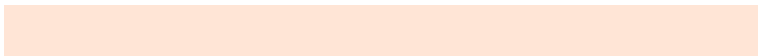
92.4665, 0.3294, 0.3870



92.4665, 0.2529, 0.3098



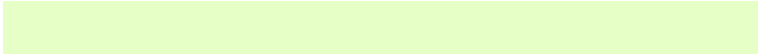
92.4665, 0.2935, 0.2776



92.4665, 0.3764, 0.3427

Rectangle

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



92.4665, 0.3294, 0.3870



92.4665, 0.2768, 0.3518



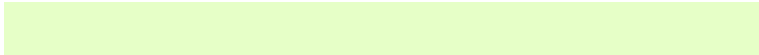
92.4665, 0.2935, 0.2776



92.4665, 0.3485, 0.3069

Sweetspot

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



92.4674, 0.3294, 0.3870



97.4213, 0.3181, 0.3465



78.3186, 0.3524, 0.3537



20.8062, 0.3185, 0.3480



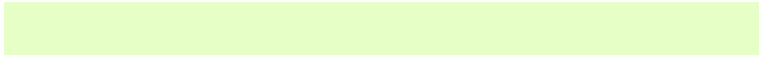
0.0000, 0.0000, 0.0000



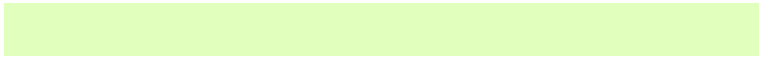
21.4041, 0.3127, 0.3290

Same Dimension

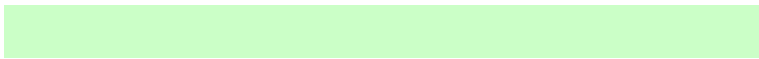
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4674, 0.3294, 0.3870



91.2475, 0.3324, 0.3986



88.3113, 0.3121, 0.3902



20.6634, 0.3200, 0.3530



40.4206, 0.3439, 0.5651



4.0005, 0.3521, 0.5587

Inverse Universe

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



63.9459, 0.2928, 0.2704



58.4433, 0.2884, 0.2585



68.6488, 0.3125, 0.2738



17.7751, 0.3049, 0.3049



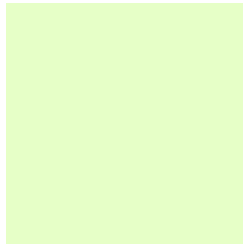
5.7266, 0.1922, 0.0832



0.6212, 0.2047, 0.0902

Previews

White Background



This preview shows how the Yxy color 92.4665, 0.3294, 0.3870 looks on a white background.

Color Contrast Check

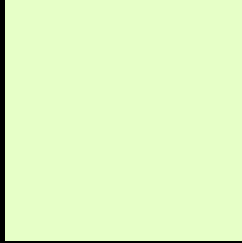
Large Text (above 18pt) WCAG AA × Fail

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 92.4665, 0.3294, 0.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

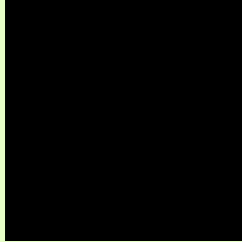
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

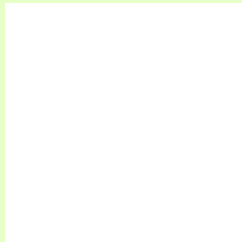
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.4665, 0.3294, 0.3870

Background



This preview shows how black text looks on a background with the Yxy color 92.4665, 0.3294, 0.3870.

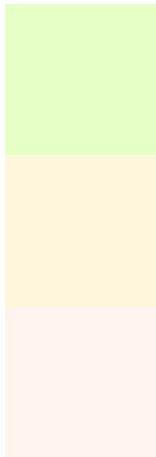


This preview shows how white text looks on a background with the Yxy color 92.4665, 0.3294, 0.3870.

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

92.4665, 0.3294, 0.3870

Protanopia

92.2860, 0.3352, 0.3556

Deuteranopia

92.1344, 0.3236, 0.3349

Tritanopia

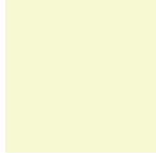
92.1862, 0.3055, 0.3202

Trichromacy



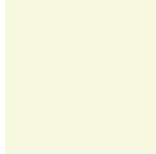
Original Color

92.4665, 0.3294, 0.3870



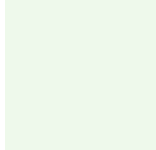
Protanomaly

92.0977, 0.3330, 0.3662



Deuteranomaly

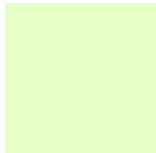
92.1095, 0.3258, 0.3530



Tritanomaly

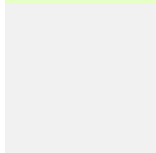
91.9267, 0.3140, 0.3431

Monochromacy



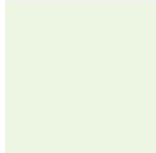
Original Color

92.4665, 0.3294, 0.3870



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.4070, 0.3189, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4665, 0.3294, 0.3870 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(230, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 199)  
}
```

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(230, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 199) }
```

Border

The CSS property to change the border of an element to Yxy 92.4665, 0.3294, 0.3870 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(230, 255, 199) }
```

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

```
.border{ border-color:rgb(230, 255, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4665, 0.3294, 0.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 199) }
```

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

```
.background{ background-color: rgb(230,  
255, 199) }
```

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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