

Converting Colors

$Yxy(92.3506, 0.3444, 0.4079)$

Have a look what the booklet for
Yxy(92.3506, 0.3444, 0.4079)
contains.

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Color

Yxy(92.3965, 0.3449, 0.4083)

Conversions

Conversions Part 1

Format	Color
Hex	EBFFB2
RGB	235, 255, 178
RGB Percent	92%, 100%, 70%
CMY	0.0786, 0.0000, 0.3019
CMYK	0.08, 0.00, 0.30, 0.00
HSL	76°, 100%, 85%
HSV	76°, 30%, 100%
XYZ	78.0494, 92.3965, 55.8498
YIQ	240.2420, 12.7970, -28.1870

Conversions

Conversions Part 2

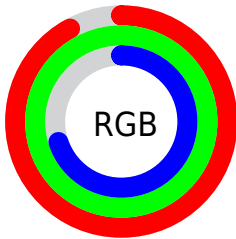
Format	Color
RYB	178, 255, 198
Decimal	15466418
CIELab	96.98, -18.78, 34.70
CIELCh	97, 39.453, 118.417
Yxy	92.3965, 0.3449, 0.4083
Android (android.graphics.Color)	4293656498 (0xFFEBFFB2)
YUV	240.2420, -30.6853, -4.5972
Hunter-Lab	96.1231, -23.2782, 32.8373

Details

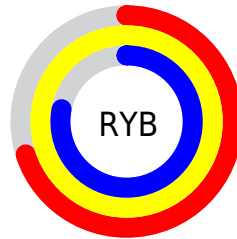
The Yxy color **92.3965, 0.3449, 0.4083** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **51.0825, 0.2730, 0.2435**, and the grayscale version is **87.5666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **51.3338, 0.3502, 0.4254** is the 20% darker color. If you saturate the color by 10%, you get **90.3516, 0.3547, 0.4356**, and if you desaturate by 10%, it is **94.6634, 0.3344, 0.3810**.

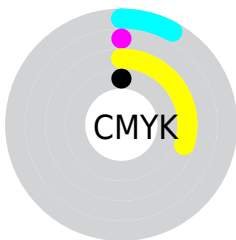
Distribution



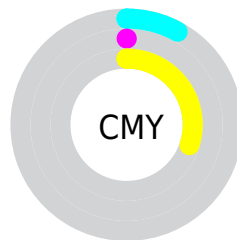
- Red (92%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)




- Cyan (8%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3965, 0.3449, 0.4083 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 92.3965, 0.3449, 0.4083 by changing the saturation by 10% instead.


 92.3965, 0.3449,
0.4083

 92.3965, 0.3449,
0.4083

535.7961, 0.3315,
0.3722

 69.9700, 0.3476,
0.4163


 150.6628, 0.3405,
0.3959

 51.5021, 0.3507,
0.4261

187.2714, 0.3388,
0.3911

 36.6083, 0.3543,
0.4383


229.3762, 0.3372,
0.3869

 24.9044, 0.3586,
0.4537

277.3615, 0.3358,
0.3832

 16.0058, 0.3634,
0.4740

331.6117, 0.3346,
0.3800

 9.5283, 0.3684,
0.5014


392.5113, 0.3334,


 5.0873, 0.3724,


0.3771


0.5399


460.4447, 0.3324,
0.3745

 2.2986, 0.3833,
0.6167


 0.7730, 0.2634,
0.7366


 92.3965, 0.3449,
0.4083


 92.3965, 0.3449,
0.4083

 90.3516, 0.3547,
0.4356


 94.6634, 0.3344,
0.3810

 88.5335, 0.3633,
0.4619

 97.1783, 0.3236,
0.3545

 86.9249, 0.3700,
0.4861

99.9455, 0.3129,
0.3295

 85.5123, 0.3745,
0.5068

100.0000, 0.3127,
0.3290

■ 84.2805, 0.3765,
0.5232

■ 83.2112, 0.3758,
0.5348

■ 82.2914, 0.3731,
0.5419

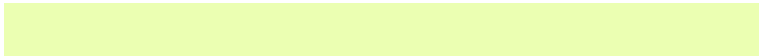
Harmonies

Analogous

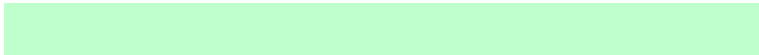
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3965, 0.3813, 0.3985



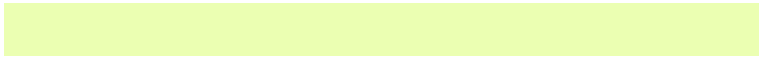
92.3965, 0.3449, 0.4083



92.3965, 0.3014, 0.3930

Triad

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



92.3965, 0.3449, 0.4083



92.3965, 0.2325, 0.2786



92.3965, 0.3630, 0.3023

Complementary

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



92.3965, 0.3449, 0.4083



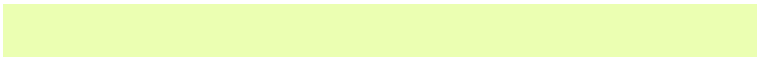
51.0825, 0.2730, 0.2435

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.



92.3965, 0.3195, 0.2751



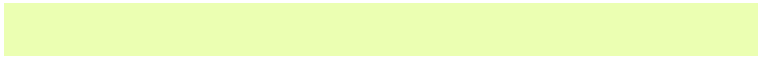
92.3965, 0.3449, 0.4083



92.3965, 0.2460, 0.2606

Square

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



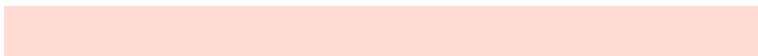
92.3965, 0.3449, 0.4083



92.3965, 0.2382, 0.3129



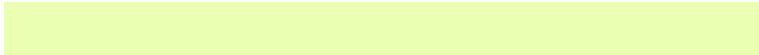
92.3965, 0.2769, 0.2601



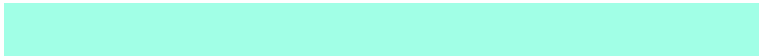
92.3965, 0.3932, 0.3365

Rectangle

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



92.3965, 0.3449, 0.4083



92.3965, 0.2744, 0.3700



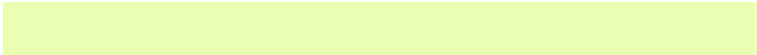
92.3965, 0.2769, 0.2601



92.3965, 0.3492, 0.2922

Sweetspot

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



92.3912, 0.3449, 0.4083



97.4937, 0.3223, 0.3515



64.5284, 0.3751, 0.3492



20.7851, 0.3239, 0.3552



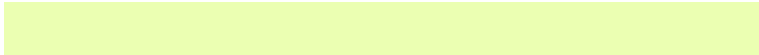
0.0000, 0.0000, 0.0000



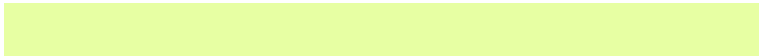
21.4041, 0.3127, 0.3290

Same Dimension

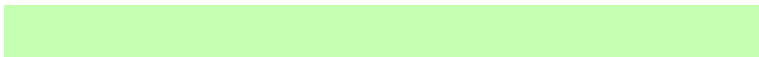
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3912, 0.3449, 0.4083



91.1782, 0.3507, 0.4242



86.6414, 0.3203, 0.4148



20.8389, 0.3229, 0.3528



43.0749, 0.3739, 0.5413



4.2467, 0.3793, 0.5371

Inverse Universe

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



51.0825, 0.2730, 0.2435



44.0621, 0.2636, 0.2246



56.8600, 0.3013, 0.2501



17.6063, 0.3019, 0.3047



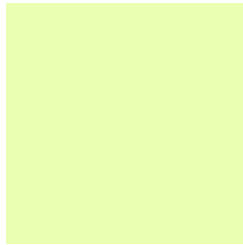
4.4451, 0.1654, 0.0685



0.4828, 0.1765, 0.0746

Previews

White Background



This preview shows how the Yxy color 92.3965, 0.3449, 0.4083 looks on a white background.

Color Contrast Check

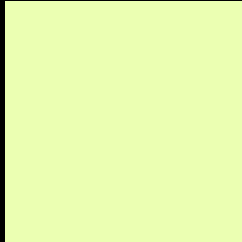
Large Text (above 18pt) WCAG AA × Fail

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 92.3965, 0.3449, 0.4083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

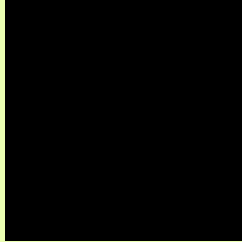
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

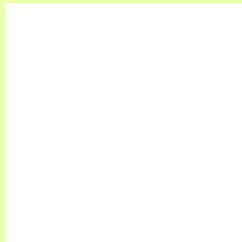
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.3965, 0.3449, 0.4083

Background



This preview shows how black text looks on a background with the Yxy color 92.3965, 0.3449, 0.4083.

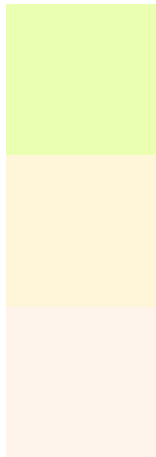


This preview shows how white text looks on a background with the Yxy color 92.3965, 0.3449, 0.4083.

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

92.3965, 0.3449, 0.4083

Protanopia

92.1813, 0.3364, 0.3576

Deuteranopia

92.0175, 0.3248, 0.3368



Tritanopia

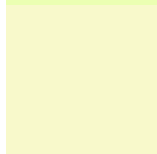
92.1176, 0.3074, 0.3193

Trichromacy



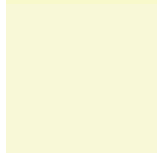
Original Color

92.3965, 0.3449, 0.4083



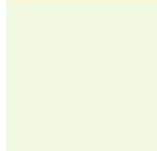
Protanomaly

92.0196, 0.3399, 0.3752



Deuteranomaly

91.9976, 0.3327, 0.3620



Tritanomaly

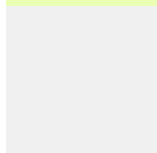
92.1747, 0.3213, 0.3511

Monochromacy



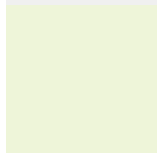
Original Color

92.3965, 0.3449, 0.4083



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.4917, 0.3251, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3965, 0.3449, 0.4083 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(235, 255, 178)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 178)  
}
```

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(235, 255, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 178) }
```

Border

The CSS property to change the border of an element to Yxy 92.3965, 0.3449, 0.4083 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(235, 255, 178) }
```

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

```
.border{ border-color:rgb(235, 255, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 255, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 178);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3965, 0.3449, 0.4083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 178) }
```

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

```
.background{ background-color: rgb(235,  
255, 178) }
```

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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