

Converting Colors

$Yxy(92.1138, 0.3389, 0.3966)$

Have a look what the booklet for
Yxy(92.1138, 0.3389, 0.3966)
contains.

Yxy(92.1766, 0.3393, 0.3970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(92.1766, 0.3393, 0.3970)

Conversions

Conversions Part 1

Format	Color
Hex	EBFEBC
RGB	235, 254, 188
RGB Percent	92%, 100%, 74%
CMY	0.0785, 0.0039, 0.2627
CMYK	0.07, 0.00, 0.26, 0.00
HSL	77°, 97%, 87%
HSV	77°, 26%, 100%
XYZ	78.7796, 92.1766, 61.2266
YIQ	240.7950, 9.8620, -24.5540

Conversions

Conversions Part 2

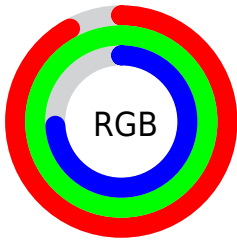
Format	Color
RYB	188, 254, 207
Decimal	15466172
CIELab	96.89, -16.93, 29.56
CIELCh	97, 34.070, 119.802
Yxy	92.1766, 0.3393, 0.3970
Android (android.graphics.Color)	4293656252 (0xFFEBFEB3)
YUV	240.7950, -26.0279, -5.0822
Hunter-Lab	96.0086, -21.5474, 29.3956

Details

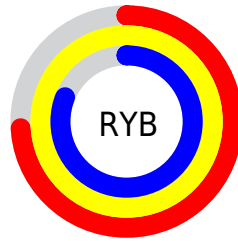
The Yxy color **92.1766, 0.3393, 0.3970** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.4013, 0.2808, 0.2570**, and the grayscale version is **87.9989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **51.2374, 0.3449, 0.4123** is the 20% darker color. If you saturate the color by 10%, you get **89.9594, 0.3490, 0.4247**, and if you desaturate by 10%, it is **94.6459, 0.3291, 0.3698**.

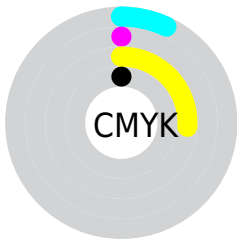
Distribution



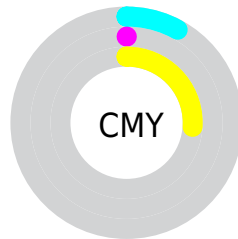
- Red (92%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (81%)



- Cyan (7%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.1766, 0.3393, 0.3970 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 92.1766, 0.3393, 0.3970 by changing the saturation by 10% instead.


 92.1766, 0.3393,
0.3970

 92.1766, 0.3393,
0.3970


535.0861, 0.3281,
0.3661

 69.7873, 0.3416,
0.4039


 150.3581, 0.3356,
0.3864

 51.3532, 0.3443,
0.4123


186.9192, 0.3342,
0.3822

 36.4898, 0.3474,
0.4228


228.9729, 0.3328,
0.3786

 24.8127, 0.3512,
0.4363

276.9038, 0.3317,
0.3755

 15.9375, 0.3557,
0.4541

331.0961, 0.3306,
0.3727

 9.4800, 0.3608,
0.4784

391.9344, 0.3297,

 5.0556, 0.3658,

0.3702

0.5134

459.8029, 0.3289,
0.3680

■ 2.2799, 0.3936,
0.6064

■ 0.7630, 0.2901,
0.7099

■ 92.1766, 0.3393,
0.3970

■ 92.1766, 0.3393,
0.3970

■ 89.9594, 0.3490,
0.4247

■ 94.6459, 0.3291,
0.3698

■ 87.9716, 0.3576,
0.4520

■ 97.3653, 0.3188,
0.3438

■ 86.2054, 0.3647,
0.4777

99.3679, 0.3128,
0.3281

■ 84.6480, 0.3697,
0.5006

■ 83.2851, 0.3723,
0.5195

■ 82.0998, 0.3722,
0.5337

■ 81.0712, 0.3698,
0.5430

■ 80.6897, 0.3683,
0.5457

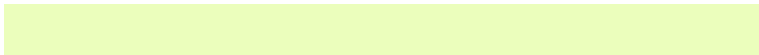
Harmonies

Analogous

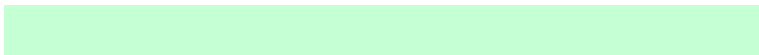
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1766, 0.3712, 0.3902



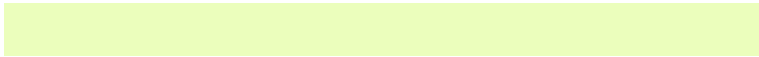
92.1766, 0.3393, 0.3970



92.1766, 0.3015, 0.3826

Triad

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



92.1766, 0.3393, 0.3970



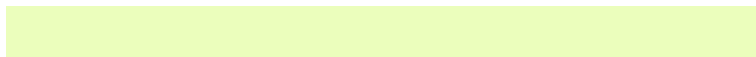
92.1766, 0.2428, 0.2845



92.1766, 0.3577, 0.3072

Complementary

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



92.1766, 0.3393, 0.3970



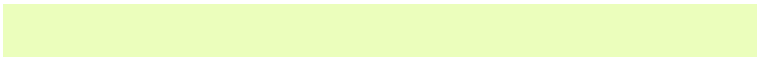
56.4013, 0.2808, 0.2570

Split Complementary

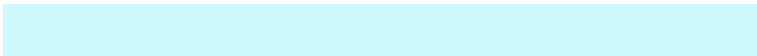
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1766, 0.3206, 0.2828



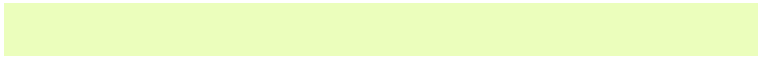
92.1766, 0.3393, 0.3970



92.1766, 0.2556, 0.2691

Square

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



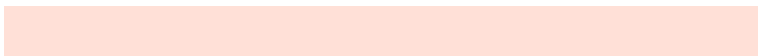
92.1766, 0.3393, 0.3970



92.1766, 0.2472, 0.3139



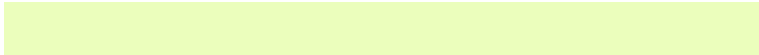
92.1766, 0.2833, 0.2690



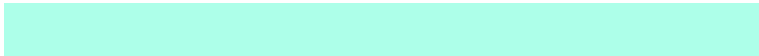
92.1766, 0.3829, 0.3375

Rectangle

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



92.1766, 0.3393, 0.3970



92.1766, 0.2782, 0.3626



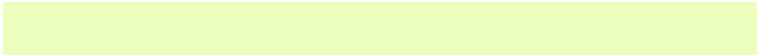
92.1766, 0.2833, 0.2690



92.1766, 0.3461, 0.2981

Sweetspot

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



92.1807, 0.3393, 0.3970



97.6572, 0.3209, 0.3489



69.1920, 0.3637, 0.3485



20.8124, 0.3224, 0.3528



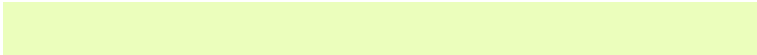
0.0000, 0.0000, 0.0000



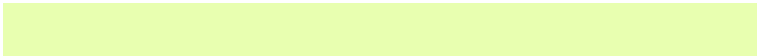
21.4041, 0.3127, 0.3290

Same Dimension

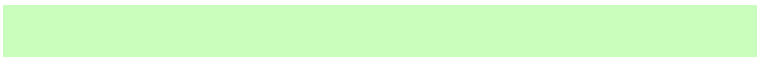
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1807, 0.3393, 0.3970



91.8457, 0.3442, 0.4109



87.1204, 0.3180, 0.4017



20.8124, 0.3224, 0.3528



42.6171, 0.3692, 0.5451



4.2052, 0.3750, 0.5404

Inverse Universe

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



56.4013, 0.2808, 0.2570



50.3559, 0.2733, 0.2413



61.6056, 0.3049, 0.2619



17.6312, 0.3024, 0.3047



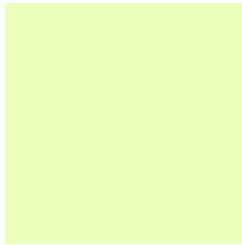
4.5878, 0.1685, 0.0702



0.4995, 0.1801, 0.0766

Previews

White Background



This preview shows how the Yxy color 92.1766, 0.3393, 0.3970 looks on a white background.

Color Contrast Check

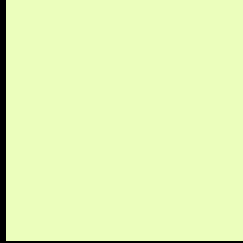
Large Text (above 18pt) WCAG AA × Fail

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 92.1766, 0.3393, 0.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

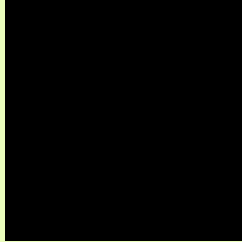
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

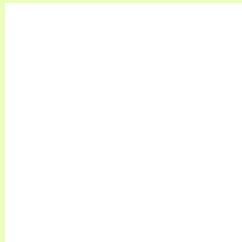
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.1766, 0.3393, 0.3970

Background



This preview shows how black text looks on a background with the Yxy color 92.1766, 0.3393, 0.3970.

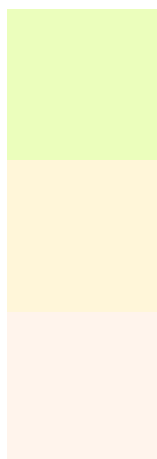


This preview shows how white text looks on a background with the Yxy color 92.1766, 0.3393, 0.3970.

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

92.1766, 0.3393, 0.3970

Protanopia

92.1813, 0.3364, 0.3576

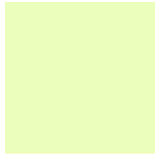
Deuteranopia

92.0175, 0.3248, 0.3368

Tritanopia

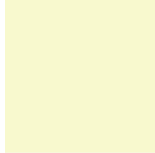
92.1176, 0.3074, 0.3193

Trichromacy



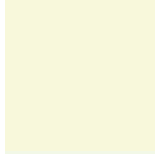
Original Color

92.1766, 0.3393, 0.3970



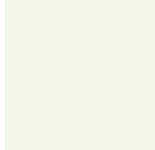
Protanomaly

92.1641, 0.3381, 0.3721



Deuteranomaly

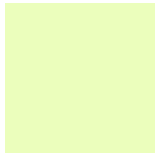
92.2057, 0.3302, 0.3579



Tritanomaly

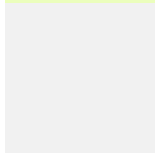
91.7816, 0.3190, 0.3460

Monochromacy



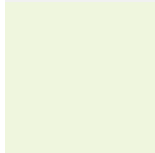
Original Color

92.1766, 0.3393, 0.3970



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.5362, 0.3226, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1766, 0.3393, 0.3970 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, 254, 188)` looks like.

```
.text, #text, p{  
    color:rgb(235, 254, 188)  
}
```

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, 254, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 254, 188) }
```

Border

The CSS property to change the border of an element to Yxy 92.1766, 0.3393, 0.3970 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, 254, 188) }
```

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

```
.border{ border-color:rgb(235, 254, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 254, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 254, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 254, 188);  
box-shadow:4px 4px 4px 4px rgb(235, 254,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1766, 0.3393, 0.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 254, 188) }
```

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

```
.background{ background-color: rgb(235,  
254, 188) }
```

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