

Converting Colors

$Y_{xy}(105.6639, 0.3282, 0.4065)$

Have a look what the booklet for
Yxy(105.6639, 0.3282, 0.4065)
contains.

Yxy(92.5401, 0.3313, 0.3890)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.5401, 0.3313, 0.3890)

Conversions

Conversions Part 1

Format	Color
Hex	E7FFC5
RGB	231, 255, 197
RGB Percent	91%, 100%, 77%
CMY	0.0938, 0.0001, 0.2274
CMYK	0.09, 0.00, 0.23, 0.00
HSL	85°, 100%, 89%
HSV	85°, 23%, 100%
XYZ	78.8137, 92.5401, 66.5385
YIQ	241.2120, 4.3140, -23.1260

Conversions

Conversions Part 2

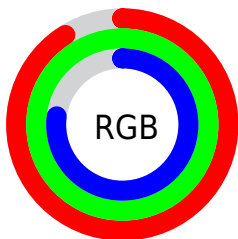
Format	Color
RYB	197, 255, 221
Decimal	15204293
CIELab	97.04, -17.50, 25.18
CIELCh	97, 30.664, 124.808
Yxy	92.5401, 0.3313, 0.3890
Android (android.graphics.Color)	4293394373 (0xFFE7FFC5)
YUV	241.2120, -21.7965, -8.9559
Hunter-Lab	96.1978, -22.1031, 26.3285

Details

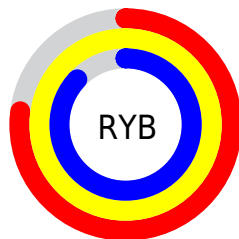
The Yxy color **92.5401, 0.3313, 0.3890** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.5166, 0.2905, 0.2678**, and the grayscale version is **88.3242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **51.4853, 0.3347, 0.4023** is the 20% darker color. If you saturate the color by 10%, you get **89.7743, 0.3390, 0.4178**, and if you desaturate by 10%, it is **95.6168, 0.3232, 0.3615**.

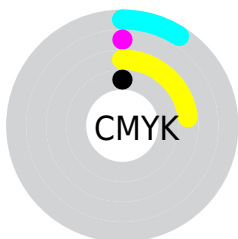
Distribution



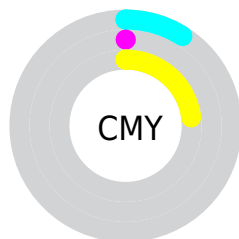
- Red (91%)
- Green (100%)
- Blue (77%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.5401, 0.3313, 0.3890 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 92.5401, 0.3313, 0.3890 by changing the saturation by 10% instead.


 92.5401, 0.3313,
0.3890

 92.5401, 0.3313,
0.3890


536.2595, 0.3235,
0.3617

 70.0893, 0.3329,
0.3951


150.8617, 0.3288,
0.3796

 51.5994, 0.3347,
0.4026


187.5014, 0.3277,
0.3759

 36.6858, 0.3369,
0.4120


229.6394, 0.3268,
0.3728

 24.9643, 0.3395,
0.4240

277.6603, 0.3260,
0.3700

 16.0505, 0.3425,
0.4401

331.9483, 0.3253,
0.3675

 9.5599, 0.3460,
0.4624

392.8879, 0.3247,

 5.1081, 0.3495,

0.3654

0.4950

460.8635, 0.3241,
0.3634

■ 2.3109, 0.3626,
0.5655

■ 0.7794, 0.2869,
0.7131

■ 92.5401, 0.3313,
0.3890

■ 92.5401, 0.3313,
0.3890

■ 89.7743, 0.3390,
0.4178

■ 95.6168, 0.3232,
0.3615

■ 87.2954, 0.3458,
0.4469

■ 99.0033, 0.3149,
0.3357

■ 85.0949, 0.3512,
0.4754

■ 99.9896, 0.3127,
0.3290

■ 83.1589, 0.3548,
0.5017

■ 81.4721, 0.3562,
0.5245

■ 80.0170, 0.3551,
0.5427

■ 78.7727, 0.3517,
0.5555

■ 77.9797, 0.3480,
0.5619

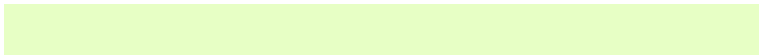
Harmonies

Analogous

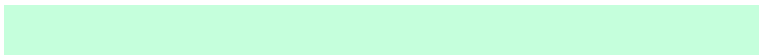
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5401, 0.3614, 0.3864



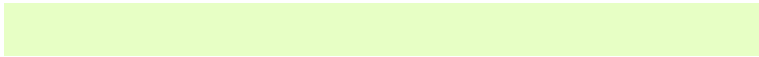
92.5401, 0.3313, 0.3890



92.5401, 0.2973, 0.3729

Triad

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



92.5401, 0.3313, 0.3890



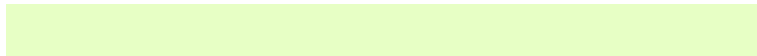
92.5401, 0.2504, 0.2858



92.5401, 0.3579, 0.3138

Complementary

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



92.5401, 0.3313, 0.3890



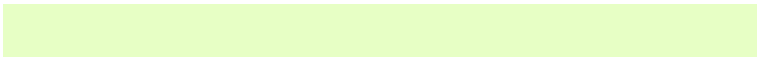
62.5166, 0.2905, 0.2678

Split Complementary

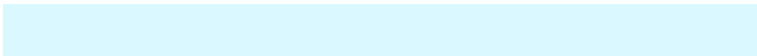
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.5401, 0.3258, 0.2903



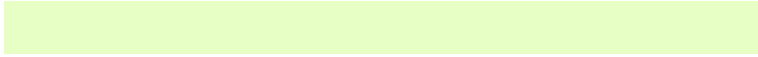
92.5401, 0.3313, 0.3890



92.5401, 0.2645, 0.2739

Square

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



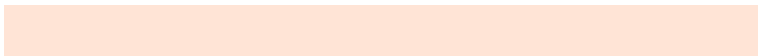
92.5401, 0.3313, 0.3890



92.5401, 0.2517, 0.3106



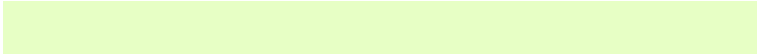
92.5401, 0.2915, 0.2759



92.5401, 0.3778, 0.3417

Rectangle

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



92.5401, 0.3313, 0.3890



92.5401, 0.2770, 0.3539



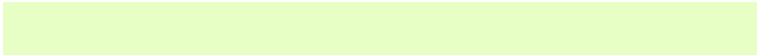
92.5401, 0.2915, 0.2759



92.5401, 0.3481, 0.3052

Sweetspot

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



92.5441, 0.3313, 0.3890



97.5340, 0.3185, 0.3465



76.5812, 0.3545, 0.3527



20.8324, 0.3190, 0.3480



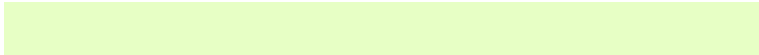
0.0000, 0.0000, 0.0000



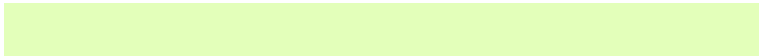
21.4041, 0.3127, 0.3290

Same Dimension

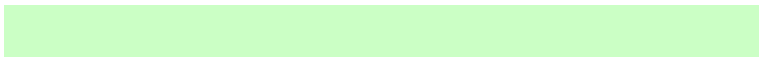
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5441, 0.3313, 0.3890



91.3396, 0.3346, 0.4012



88.2114, 0.3133, 0.3925



20.6956, 0.3205, 0.3529



40.8416, 0.3491, 0.5610



4.0406, 0.3569, 0.5548

Inverse Universe

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



62.5166, 0.2905, 0.2678



56.7781, 0.2855, 0.2552



67.3319, 0.3111, 0.2715



17.7435, 0.3044, 0.3049



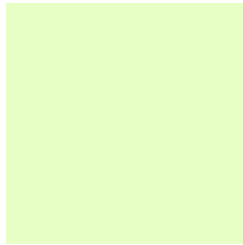
5.4286, 0.1862, 0.0800



0.5907, 0.1988, 0.0869

Previews

White Background



This preview shows how the Yxy color 92.5401, 0.3313, 0.3890 looks on a white background.

Color Contrast Check

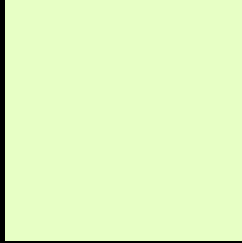
Large Text (above 18pt) WCAG AA × Fail

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 92.5401, 0.3313, 0.3890 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

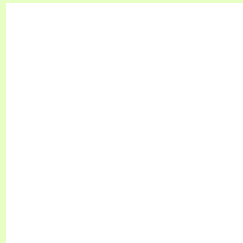
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.5401, 0.3313, 0.3890

Background



This preview shows how black text looks on a background with the Yxy color 92.5401, 0.3313, 0.3890.

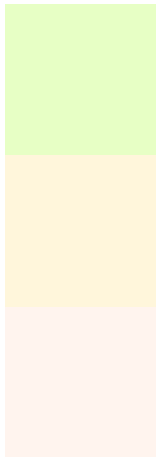


This preview shows how white text looks on a background with the Yxy color 92.5401, 0.3313, 0.3890.

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

92.5401, 0.3313, 0.3890

Protanopia

92.2860, 0.3352, 0.3556

Deuteranopia

92.1344, 0.3236, 0.3349

Tritanopia

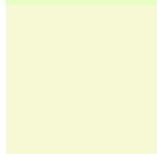
92.3646, 0.3062, 0.3202

Trichromacy



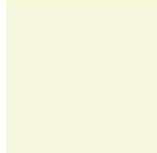
Original Color

92.5401, 0.3313, 0.3890



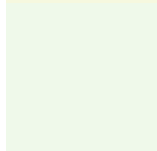
Protanomaly

92.0473, 0.3337, 0.3672



Deuteranomaly

92.0553, 0.3264, 0.3540



Tritanomaly

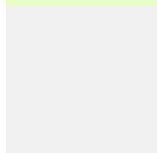
92.0426, 0.3152, 0.3440

Monochromacy



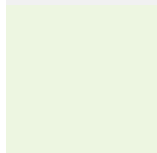
Original Color

92.5401, 0.3313, 0.3890



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.3523, 0.3195, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5401, 0.3313, 0.3890 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(231, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 197)  
}
```

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(231, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 197) }
```

Border

The CSS property to change the border of an element to Yxy 92.5401, 0.3313, 0.3890 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(231, 255, 197) }
```

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

```
.border{ border-color:rgb(231, 255, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5401, 0.3313, 0.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 197) }
```

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

```
.background{ background-color: rgb(231,  
255, 197) }
```

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