

Converting Colors

$Yxy(92.5080, 0.3327, 0.3911)$

Have a look what the booklet for
Yxy(92.5080, 0.3327, 0.3911)
contains.

Yxy(92.4491, 0.3324, 0.3912)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.4491, 0.3324, 0.3912)

Conversions

Conversions Part 1

Format	Color
Hex	E7FFC3
RGB	231, 255, 195
RGB Percent	91%, 100%, 76%
CMY	0.0943, 0.0000, 0.2354
CMYK	0.09, 0.00, 0.24, 0.00
HSL	84°, 100%, 88%
HSV	84°, 24%, 100%
XYZ	78.5534, 92.4491, 65.3194
YIQ	240.9840, 4.9560, -23.7480

Conversions

Conversions Part 2

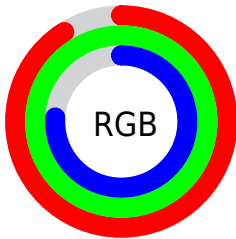
Format	Color
RYB	195, 255, 219
Decimal	15204291
CIELab	97.00, -17.86, 26.16
CIELCh	97, 31.673, 124.329
Yxy	92.4491, 0.3324, 0.3912
Android (android.graphics.Color)	4293394371 (0xFFE7FFC3)
YUV	240.9840, -22.6701, -8.7560
Hunter-Lab	96.1505, -22.4317, 27.0269

Details

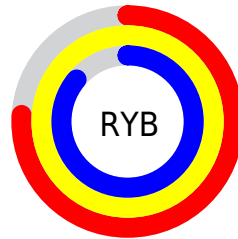
The Yxy color **92.4491, 0.3324, 0.3912** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.3029, 0.2891, 0.2654**, and the grayscale version is **88.1159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **51.4252, 0.3361, 0.4050** is the 20% darker color. If you saturate the color by 10%, you get **89.7350, 0.3402, 0.4199**, and if you desaturate by 10%, it is **95.4439, 0.3241, 0.3636**.

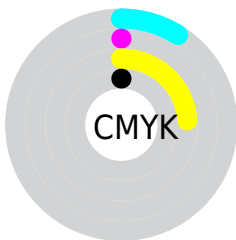
Distribution



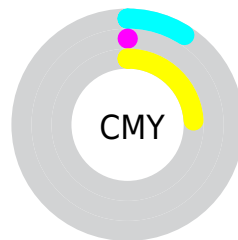
- Red (91%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (86%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4491, 0.3324, 0.3912 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 92.4491, 0.3324, 0.3912 by changing the saturation by 10% instead.

 92.4491, 0.3324,
0.3912

 92.4491, 0.3324,
0.3912

535.9659, 0.3242,
0.3629

 70.0137, 0.3341,
0.3975

150.7357, 0.3297,
0.3815

 51.5377, 0.3360,
0.4053


187.3557, 0.3286,
0.3776

 36.6367, 0.3383,
0.4150


229.4726, 0.3277,
0.3743

 24.9263, 0.3410,
0.4275

277.4709, 0.3268,
0.3715

 16.0222, 0.3442,
0.4442

331.7350, 0.3261,
0.3689

 9.5399, 0.3478,
0.4672

392.6493, 0.3254,

 5.0950, 0.3513,

0.3667

0.5009

460.5981, 0.3247,
0.3647

■ 2.3031, 0.3670,
0.5775

■ 0.7753, 0.2796,
0.7204

■ 92.4491, 0.3324,
0.3912

■ 92.4491, 0.3324,
0.3912

■ 89.7350, 0.3402,
0.4199

■ 95.4439, 0.3241,
0.3636


■ 87.3131, 0.3471,
0.4489


■ 98.7535, 0.3157,
0.3377

■ 85.1630, 0.3527,
0.4770

■ 100.0000, 0.3127,
0.3290

■ 83.2709, 0.3563,
0.5029

 81.6217, 0.3577,
0.5252

 80.1976, 0.3565,
0.5427

 78.9778, 0.3530,
0.5549

 78.2796, 0.3499,
0.5604

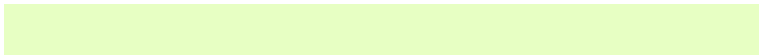
Harmonies

Analogous

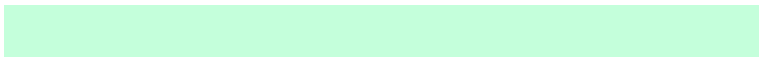
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4491, 0.3634, 0.3880



92.4491, 0.3324, 0.3912



92.4491, 0.2973, 0.3749

Triad

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



92.4491, 0.3324, 0.3912



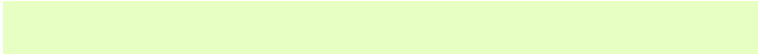
92.4491, 0.2483, 0.2846



92.4491, 0.3590, 0.3128

Complementary

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



92.4491, 0.3324, 0.3912



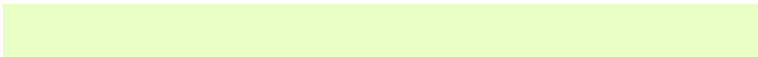
61.3029, 0.2891, 0.2654

Split Complementary

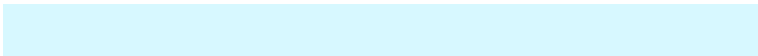
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.4491, 0.3256, 0.2888



92.4491, 0.3324, 0.3912



92.4491, 0.2626, 0.2722

Square

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



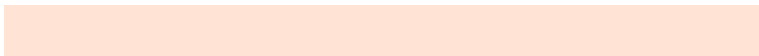
92.4491, 0.3324, 0.3912



92.4491, 0.2500, 0.3104



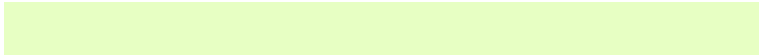
92.4491, 0.2903, 0.2741



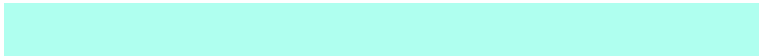
92.4491, 0.3798, 0.3415

Rectangle

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



92.4491, 0.3324, 0.3912



92.4491, 0.2763, 0.3553



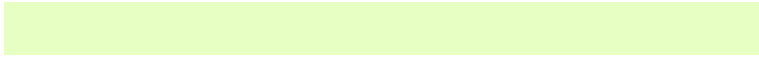
92.4491, 0.2903, 0.2741



92.4491, 0.3488, 0.3040

Sweetspot

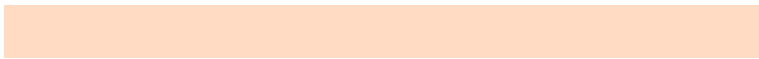
The Sweet Spot groups the original color and five complimentary colors.



92.4414, 0.3324, 0.3912



97.5724, 0.3186, 0.3464



75.8551, 0.3562, 0.3536



20.8413, 0.3191, 0.3480



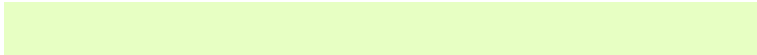
0.0000, 0.0000, 0.0000



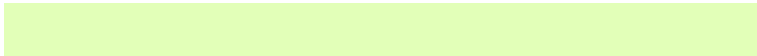
21.4041, 0.3127, 0.3290

Same Dimension

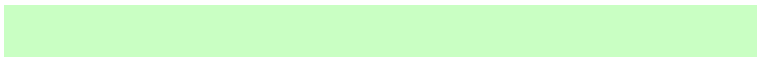
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4414, 0.3324, 0.3912



91.1980, 0.3360, 0.4039



87.8738, 0.3133, 0.3950



20.7066, 0.3207, 0.3529



40.9920, 0.3509, 0.5595



4.0549, 0.3586, 0.5535

Inverse Universe

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



61.3029, 0.2891, 0.2654



55.3613, 0.2837, 0.2520



66.3795, 0.3110, 0.2694



17.7327, 0.3042, 0.3049



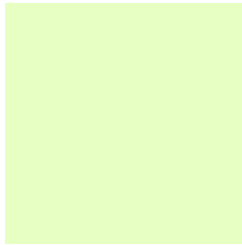
5.3337, 0.1843, 0.0789



0.5808, 0.1969, 0.0858

Previews

White Background



This preview shows how the Yxy color 92.4491, 0.3324, 0.3912 looks on a white background.

Color Contrast Check

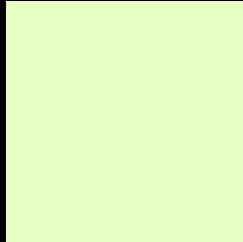
Large Text (above 18pt) WCAG AA × Fail

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 92.4491, 0.3324, 0.3912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

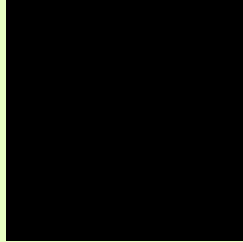
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

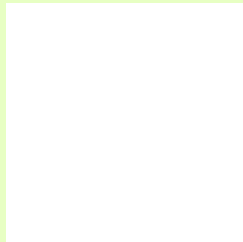
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.4491, 0.3324, 0.3912

Background



This preview shows how black text looks on a background with the Yxy color 92.4491, 0.3324, 0.3912.

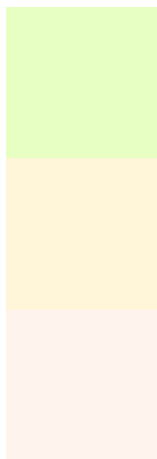


This preview shows how white text looks on a background with the Yxy color 92.4491, 0.3324, 0.3912.

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

92.4491, 0.3324, 0.3912

Protanopia

92.2335, 0.3358, 0.3566

Deuteranopia

92.0758, 0.3242, 0.3358

Tritanopia

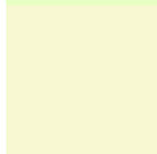
92.3646, 0.3062, 0.3202

Trichromacy



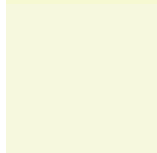
Original Color

92.4491, 0.3324, 0.3912



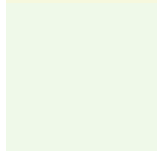
Protanomaly

91.9973, 0.3343, 0.3682



Deuteranomaly

92.0016, 0.3271, 0.3550



Tritanomaly

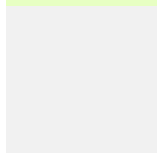
91.9853, 0.3158, 0.3451

Monochromacy



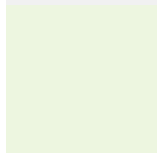
Original Color

92.4491, 0.3324, 0.3912



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.2979, 0.3201, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4491, 0.3324, 0.3912 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 195) }
```

Border

The CSS property to change the border of an element to Yxy 92.4491, 0.3324, 0.3912 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, 195) }
```

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

```
.border{ border-color:rgb(231, 255, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4491, 0.3324, 0.3912 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, 195) }
```

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

```
.background{ background-color: rgb(231,  
255, 195) }
```

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