

Converting Colors

$Y_{xy}(176.7734, 0.3193, 0.4759)$

Have a look what the booklet for
Yxy(176.7734, 0.3193, 0.4759)
contains.

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Color

Yxy(91.0414, 0.3313, 0.3985)

Conversions

Conversions Part 1

Format	Color
Hex	E0FFBD
RGB	224, 255, 189
RGB Percent	88%, 100%, 74%
CMY	0.1215, 0.0000, 0.2588
CMYK	0.12, 0.00, 0.26, 0.00
HSL	88°, 100%, 87%
HSV	88°, 26%, 100%
XYZ	75.6889, 91.0414, 61.7300
YIQ	238.2070, 2.7100, -27.0980

Conversions

Conversions Part 2

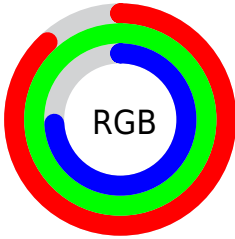
Format	Color
RYB	189, 255, 220
Decimal	14745533
CIELab	96.43, -21.15, 28.31
CIELCh	96, 35.339, 126.764
Yxy	91.0414, 0.3313, 0.3985
Android (android.graphics.Color)	4292935613 (0xFFE0FFBD)
YUV	238.2070, -24.2591, -12.4595
Hunter-Lab	95.4156, -25.3814, 28.4328

Details

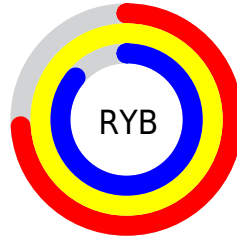
The Yxy color **91.0414, 0.3313, 0.3985** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.8326, 0.2896, 0.2591**, and the grayscale version is **85.8616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **50.4623, 0.3346, 0.4147** is the 20% darker color. If you saturate the color by 10%, you get **88.1854, 0.3378, 0.4281**, and if you desaturate by 10%, it is **94.2315, 0.3243, 0.3701**.

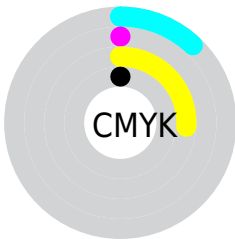
Distribution



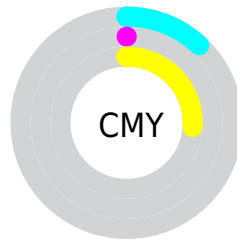
- Red (88%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (86%)



- Cyan (12%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.0414, 0.3313, 0.3985 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 91.0414, 0.3313, 0.3985 by changing the saturation by 10% instead.


 91.0414, 0.3313,
0.3985

 91.0414, 0.3313,
0.3985


531.4127, 0.3237,
0.3666

 68.8447, 0.3328,
0.4057


 148.7841, 0.3289,
0.3875

 50.5852, 0.3345,
0.4145


185.0989, 0.3279,
0.3832

 35.8786, 0.3365,
0.4256


226.8885, 0.3270,
0.3795

 24.3405, 0.3387,
0.4398

274.5373, 0.3262,
0.3763

 15.5864, 0.3412,
0.4589

328.4298, 0.3255,
0.3734

 9.2319, 0.3435,
0.4853

388.9502, 0.3248,

 4.8928, 0.3445,

0.3709

0.5241

456.4831, 0.3242,
0.3686

■ 2.1845, 0.3674,
0.6324

■ 0.7115, 0.1835,
0.8165

■ 91.0414, 0.3313,
0.3985

■ 91.0414, 0.3313,
0.3985

■ 88.1854, 0.3378,
0.4281

■ 94.2315, 0.3243,
0.3701

■ 85.6436, 0.3432,
0.4579

■ 97.7608, 0.3170,
0.3436

■ 83.4042, 0.3472,
0.4868

100.0000, 0.3127,
0.3290

■ 81.4522, 0.3492,
0.5133

■ 79.7704, 0.3490,
0.5358

■ 78.3394, 0.3465,
0.5532

■ 77.1357, 0.3418,
0.5650

■ 76.6929, 0.3395,
0.5686

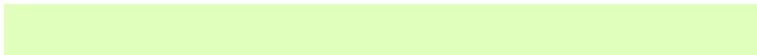
Harmonies

Analogous

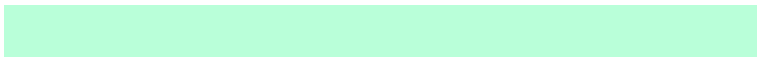
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0414, 0.3669, 0.3962



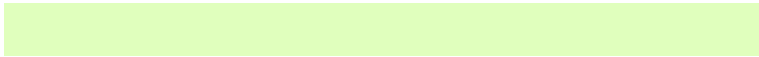
91.0414, 0.3313, 0.3985



91.0414, 0.2921, 0.3785

Triad

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



91.0414, 0.3313, 0.3985



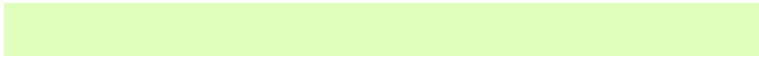
91.0414, 0.2416, 0.2775



91.0414, 0.3672, 0.3132

Complementary

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



91.0414, 0.3313, 0.3985



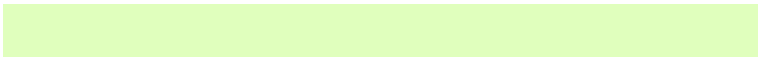
58.8326, 0.2896, 0.2591

Split Complementary

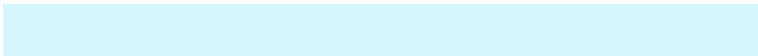
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.0414, 0.3303, 0.2861



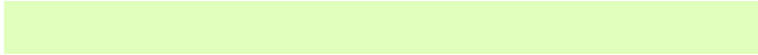
91.0414, 0.3313, 0.3985



91.0414, 0.2587, 0.2653

Square

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



91.0414, 0.3313, 0.3985



91.0414, 0.2420, 0.3050



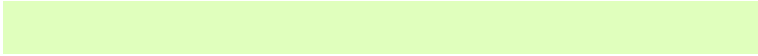
91.0414, 0.2905, 0.2689



91.0414, 0.3890, 0.3452

Rectangle

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



91.0414, 0.3313, 0.3985



91.0414, 0.2693, 0.3555



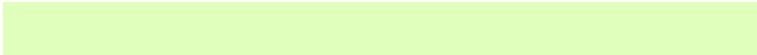
91.0414, 0.2905, 0.2689



91.0414, 0.3560, 0.3034

Sweetspot

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



91.0437, 0.3313, 0.3985



96.9834, 0.3185, 0.3491



76.0177, 0.3604, 0.3606



20.6424, 0.3196, 0.3530



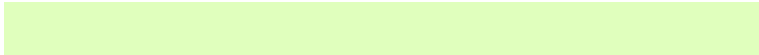
0.0000, 0.0000, 0.0000



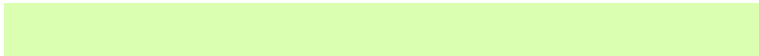
21.4041, 0.3127, 0.3290

Same Dimension

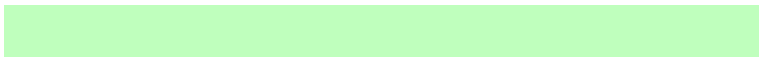
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0437, 0.3313, 0.3985



89.5399, 0.3347, 0.4135



86.2975, 0.3106, 0.4031



20.6424, 0.3196, 0.3530



40.1634, 0.3407, 0.5677



3.9756, 0.3490, 0.5611

Inverse Universe

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



58.8326, 0.2896, 0.2591



52.4074, 0.2839, 0.2438



64.4631, 0.3141, 0.2640



17.7959, 0.3053, 0.3050



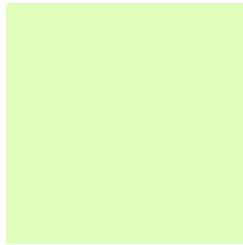
5.9363, 0.1963, 0.0855



0.6423, 0.2087, 0.0924

Previews

White Background



This preview shows how the Yxy color 91.0414, 0.3313, 0.3985 looks on a white background.

Color Contrast Check

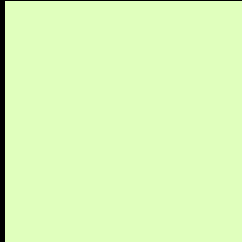
Large Text (above 18pt) WCAG AA × Fail

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 91.0414, 0.3313, 0.3985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

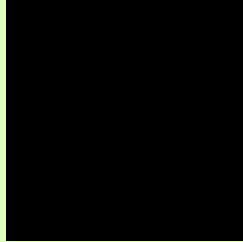
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

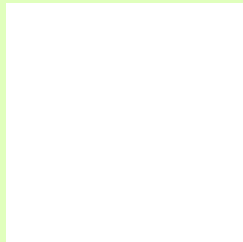
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.0414, 0.3313, 0.3985

Background



This preview shows how black text looks on a background with the Yxy color 91.0414, 0.3313, 0.3985.

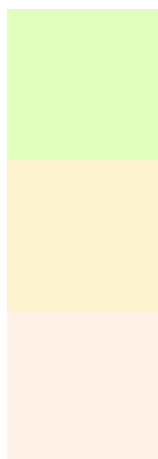


This preview shows how white text looks on a background with the Yxy color 91.0414, 0.3313, 0.3985.

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

91.0414, 0.3313, 0.3985

Protanopia

90.6145, 0.3412, 0.3627

Deuteranopia

90.6475, 0.3269, 0.3378



Tritanopia

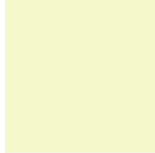
91.0501, 0.3037, 0.3191

Trichromacy



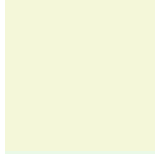
Original Color

91.0414, 0.3313, 0.3985



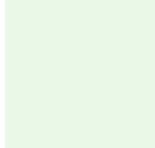
Protanomaly

90.6322, 0.3380, 0.3757



Deuteranomaly

90.7644, 0.3289, 0.3593



Tritanomaly

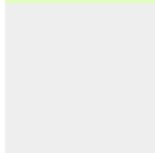
91.0133, 0.3138, 0.3473

Monochromacy



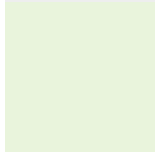
Original Color

91.0414, 0.3313, 0.3985



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.1923, 0.3200, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0414, 0.3313, 0.3985 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(224, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 189)  
}
```

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(224, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 189) }
```

Border

The CSS property to change the border of an element to Yxy 91.0414, 0.3313, 0.3985 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(224, 255, 189) }
```

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

```
.border{ border-color:rgb(224, 255, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 189);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0414, 0.3313, 0.3985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 189) }
```

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

```
.background{ background-color: rgb(224,  
255, 189) }
```

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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