

Converting Colors

Yxy(106.1351, 0.3318, 0.4222)

Have a look what the booklet for
Yxy(106.1351, 0.3318, 0.4222)
contains.

Yxy(91.1915, 0.3349, 0.4025)	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(91.1915, 0.3349, 0.4025)

Conversions

Conversions Part 1

Format	Color
Hex	E2FFB9
RGB	226, 255, 185
RGB Percent	89%, 100%, 73%
CMY	0.1138, 0.0000, 0.2745
CMYK	0.11, 0.00, 0.27, 0.00
HSL	85°, 100%, 86%
HSV	85°, 27%, 100%
XYZ	75.8759, 91.1915, 59.4954
YIQ	238.3490, 5.1860, -27.9180

Conversions

Conversions Part 2

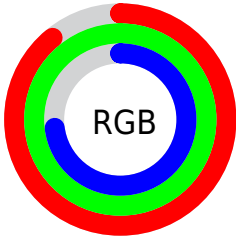
Format	Color
RYB	185, 255, 214
Decimal	14876601
CIELab	96.49, -21.04, 30.44
CIELCh	96, 37.001, 124.648
Yxy	91.1915, 0.3349, 0.4025
Android (android.graphics.Color)	4293066681 (0xFFE2FFB9)
YUV	238.3490, -26.3011, -10.8301
Hunter-Lab	95.4942, -25.2860, 29.9068

Details

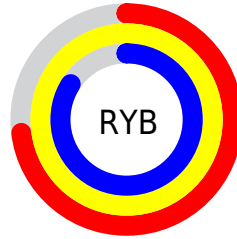
The Yxy color **91.1915, 0.3349, 0.4025** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.2116, 0.2851, 0.2538**, and the grayscale version is **85.9836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **50.5729, 0.3391, 0.4196** is the 20% darker color. If you saturate the color by 10%, you get **88.5500, 0.3422, 0.4316**, and if you desaturate by 10%, it is **94.1252, 0.3270, 0.3743**.

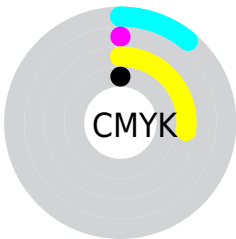
Distribution



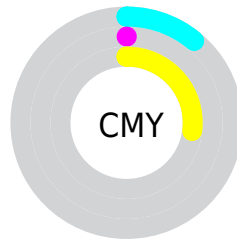
- Red (89%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.1915, 0.3349, 0.4025 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 91.1915, 0.3349, 0.4025 by changing the saturation by 10% instead.

 91.1915, 0.3349,
0.4025

 91.1915, 0.3349,
0.4025


531.8992, 0.3258,
0.3688

 68.9693, 0.3367,
0.4101


 148.9923, 0.3320,
0.3909

 50.6867, 0.3388,
0.4194


185.3398, 0.3308,
0.3864

 35.9593, 0.3412,
0.4310


227.1644, 0.3297,
0.3824

 24.4028, 0.3439,
0.4459

274.8506, 0.3287,
0.3790

 15.6327, 0.3469,
0.4658

328.7828, 0.3279,
0.3760

 9.2646, 0.3498,
0.4932

389.3453, 0.3271,

 4.9142, 0.3512,

0.3733

0.5329

456.9227, 0.3264,
0.3709

■ 2.1970, 0.3684,
0.6316

■ 0.7184, 0.1907,
0.8093

■ 91.1915, 0.3349,
0.4025

■ 91.1915, 0.3349,
0.4025

■ 88.5500, 0.3422,
0.4316

■ 94.1252, 0.3270,
0.3743

■ 86.1980, 0.3484,
0.4606

■ 97.3718, 0.3188,
0.3476

■ 84.1190, 0.3530,
0.4882

100.0000, 0.3127,
0.3290

■ 82.2985, 0.3555,
0.5132

■ 80.7202, 0.3557,
0.5339

■ 79.3652, 0.3534,
0.5496

■ 78.2094, 0.3490,
0.5600

■ 77.9385, 0.3477,
0.5621

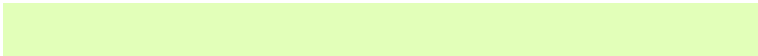
Harmonies

Analogous

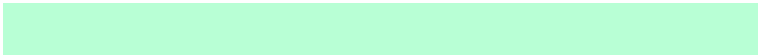
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1915, 0.3715, 0.3982



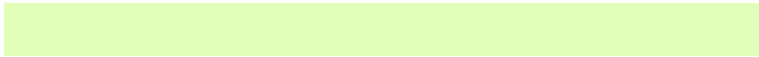
91.1915, 0.3349, 0.4025



91.1915, 0.2939, 0.3831

Triad

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



91.1915, 0.3349, 0.4025



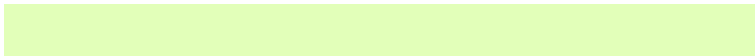
91.1915, 0.2380, 0.2766



91.1915, 0.3674, 0.3102

Complementary

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



91.1915, 0.3349, 0.4025



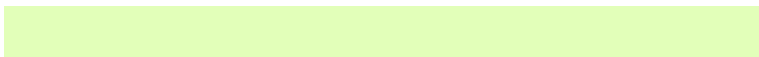
56.2116, 0.2851, 0.2538

Split Complementary

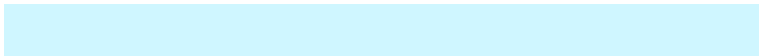
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1915, 0.3281, 0.2826



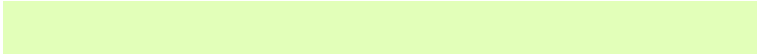
91.1915, 0.3349, 0.4025



91.1915, 0.2545, 0.2629

Square

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



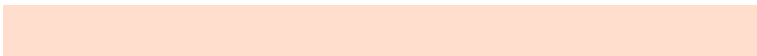
91.1915, 0.3349, 0.4025



91.1915, 0.2396, 0.3062



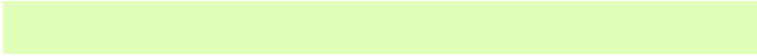
91.1915, 0.2867, 0.2655



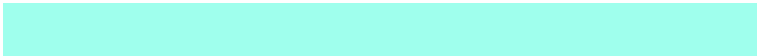
91.1915, 0.3917, 0.3433

Rectangle

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



91.1915, 0.3349, 0.4025



91.1915, 0.2696, 0.3595



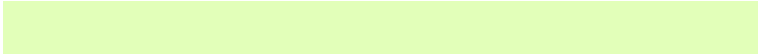
91.1915, 0.2867, 0.2655



91.1915, 0.3553, 0.3001

Sweetspot

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



91.1884, 0.3349, 0.4025



97.1865, 0.3192, 0.3490



72.3482, 0.3651, 0.3580



20.6936, 0.3205, 0.3529



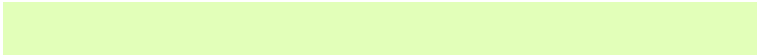
0.0000, 0.0000, 0.0000



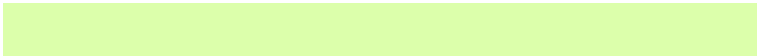
21.4041, 0.3127, 0.3290

Same Dimension

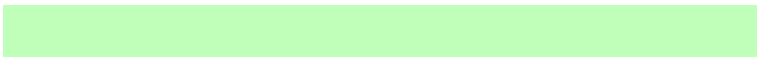
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.1884, 0.3349, 0.4025



89.6892, 0.3390, 0.4186



86.2278, 0.3132, 0.4076



20.6936, 0.3205, 0.3529



40.8142, 0.3488, 0.5612



4.0380, 0.3566, 0.5551

Inverse Universe

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



56.2116, 0.2851, 0.2538



49.3722, 0.2781, 0.2369



61.8705, 0.3106, 0.2593



17.7454, 0.3044, 0.3049



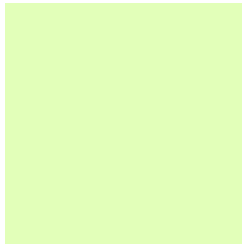
5.4464, 0.1866, 0.0802



0.5926, 0.1992, 0.0871

Previews

White Background



This preview shows how the Yxy color 91.1915, 0.3349, 0.4025 looks on a white background.

Color Contrast Check

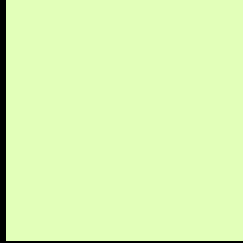
Large Text (above 18pt) WCAG AA × Fail

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 91.1915, 0.3349, 0.4025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

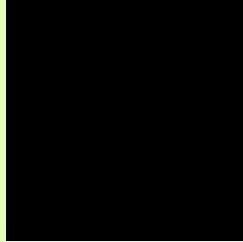
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

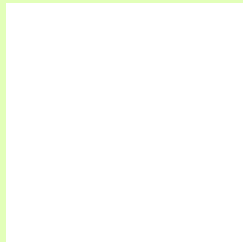
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.1915, 0.3349, 0.4025

Background



This preview shows how black text looks on a background with the Yxy color 91.1915, 0.3349, 0.4025.

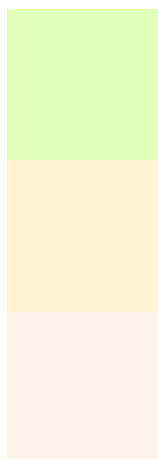


This preview shows how white text looks on a background with the Yxy color 91.1915, 0.3349, 0.4025.

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

91.1915, 0.3349, 0.4025

Protanopia

90.6145, 0.3412, 0.3627

Deuteranopia

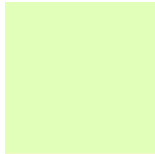
90.6475, 0.3269, 0.3378



Tritanopia

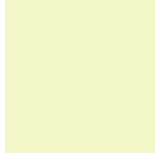
91.2256, 0.3043, 0.3192

Trichromacy



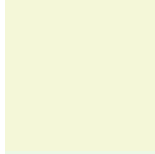
Original Color

91.1915, 0.3349, 0.4025



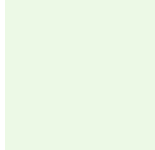
Protanomaly

90.5849, 0.3386, 0.3767



Deuteranomaly

90.7125, 0.3295, 0.3603



Tritanomaly

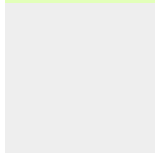
91.2974, 0.3156, 0.3482

Monochromacy



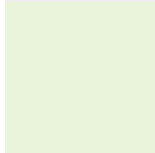
Original Color

91.1915, 0.3349, 0.4025



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.3083, 0.3213, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1915, 0.3349, 0.4025 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(226, 255, 185)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 185)  
}
```

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(226, 255, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 185) }
```

Border

The CSS property to change the border of an element to Yxy 91.1915, 0.3349, 0.4025 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(226, 255, 185) }
```

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

```
.border{ border-color:rgb(226, 255, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 255, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 255, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 255, 185); box-shadow:4px 4px 4px 4px rgb(226, 255, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1915, 0.3349, 0.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 185) }
```

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

```
.background{ background-color: rgb(226,  
255, 185) }
```

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