

Converting Colors

$Y_{xy}(110.7119, 0.3312, 0.4268)$

Have a look what the booklet for
Yxy(110.7119, 0.3312, 0.4268)
contains.

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Color

Yxy(91.3537, 0.3356, 0.4023)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFB9
RGB	227, 255, 185
RGB Percent	89%, 100%, 73%
CMY	0.1096, 0.0000, 0.2745
CMYK	0.11, 0.00, 0.27, 0.00
HSL	84°, 100%, 86%
HSV	84°, 27%, 100%
XYZ	76.2076, 91.3537, 59.5173
YIQ	238.6480, 5.7820, -27.7060

Conversions

Conversions Part 2

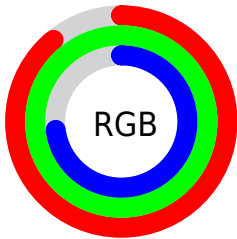
Format	Color
RYB	185, 255, 213
Decimal	14942137
CIELab	96.56, -20.65, 30.53
CIELCh	97, 36.860, 124.069
Yxy	91.3537, 0.3356, 0.4023
Android (android.graphics.Color)	4293132217 (0xFFE3FFB9)
YUV	238.6480, -26.4485, -10.2153
Hunter-Lab	95.5791, -24.9411, 29.9854

Details

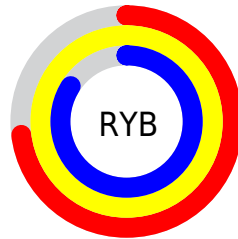
The Yxy color **91.3537, 0.3356, 0.4023** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.0582, 0.2843, 0.2537**, and the grayscale version is **86.2435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **50.6848, 0.3399, 0.4194** is the 20% darker color. If you saturate the color by 10%, you get **88.7682, 0.3431, 0.4312**, and if you desaturate by 10%, it is **94.2383, 0.3274, 0.3742**.

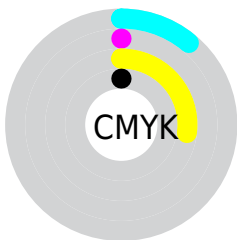
Distribution



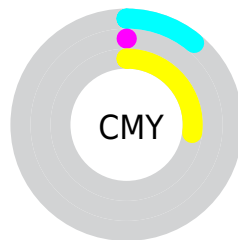
- Red (89%)
- Green (100%)
- Blue (73%)



- 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 91.3537, 0.3356, 0.4023 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 91.3537, 0.3356, 0.4023 by changing the saturation by 10% instead.


 91.3537, 0.3356,
0.4023

 91.3537, 0.3356,
0.4023


532.4246, 0.3262,
0.3687

 69.1039, 0.3375,
0.4098


 149.2173, 0.3326,
0.3907

 50.7964, 0.3396,
0.4191


185.6000, 0.3313,
0.3862

 36.0466, 0.3421,
0.4306


227.4624, 0.3302,
0.3823

 24.4702, 0.3450,
0.4455

275.1890, 0.3292,
0.3789

 15.6828, 0.3482,
0.4652

329.1641, 0.3283,
0.3759

 9.2999, 0.3513,
0.4924

389.7721, 0.3275,

 4.9373, 0.3532,

0.3732

0.5316

457.3975, 0.3268,
0.3709

■ 2.2105, 0.3709,
0.6291

■ 0.7257, 0.2038,
0.7962

■ 91.3537, 0.3356,
0.4023

■ 91.3537, 0.3356,
0.4023

■ 88.7682, 0.3431,
0.4312

■ 94.2383, 0.3274,
0.3742

■ 86.4577, 0.3496,
0.4600

■ 97.4210, 0.3190,
0.3476

■ 84.4133, 0.3545,
0.4874

99.9955, 0.3127,
0.3290

■ 82.6205, 0.3573,
0.5120

■ 81.0634, 0.3577,
0.5325

■ 79.7234, 0.3556,
0.5480

■ 78.5765, 0.3513,
0.5581

■ 78.3061, 0.3501,
0.5602

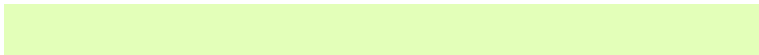
Harmonies

Analogous

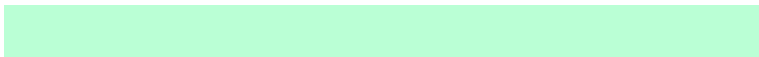
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3537, 0.3718, 0.3976



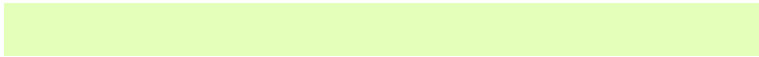
91.3537, 0.3356, 0.4023



91.3537, 0.2947, 0.3834

Triad

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



91.3537, 0.3356, 0.4023



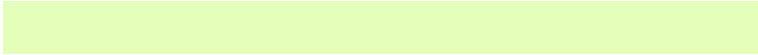
91.3537, 0.2381, 0.2773



91.3537, 0.3665, 0.3097

Complementary

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



91.3537, 0.3356, 0.4023



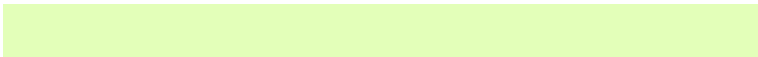
56.0582, 0.2843, 0.2537

Split Complementary

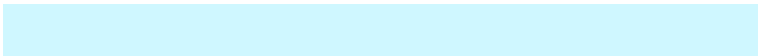
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3537, 0.3272, 0.2823



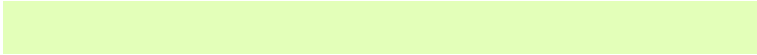
91.3537, 0.3356, 0.4023



91.3537, 0.2543, 0.2633

Square

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



91.3537, 0.3356, 0.4023



91.3537, 0.2401, 0.3071



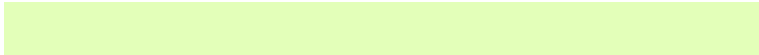
91.3537, 0.2861, 0.2656



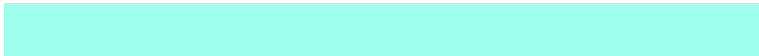
91.3537, 0.3911, 0.3427

Rectangle

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



91.3537, 0.3356, 0.4023



91.3537, 0.2704, 0.3601



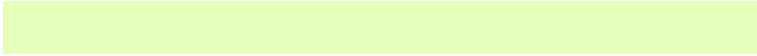
91.3537, 0.2861, 0.2656



91.3537, 0.3544, 0.2997

Sweetspot

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



91.3577, 0.3356, 0.4023



97.2429, 0.3194, 0.3490



71.7658, 0.3654, 0.3568



20.7078, 0.3207, 0.3529



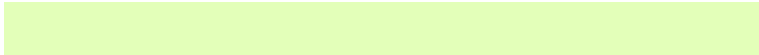
0.0000, 0.0000, 0.0000



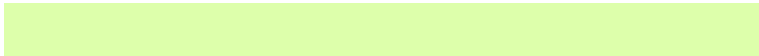
21.4041, 0.3127, 0.3290

Same Dimension

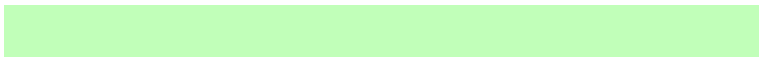
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.3577, 0.3356, 0.4023



89.8901, 0.3399, 0.4183



86.3785, 0.3139, 0.4075



20.7078, 0.3207, 0.3529



41.0084, 0.3511, 0.5594



4.0564, 0.3587, 0.5534

Inverse Universe

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



56.0582, 0.2843, 0.2537



49.1898, 0.2771, 0.2366



61.6628, 0.3097, 0.2591



17.7316, 0.3041, 0.3049



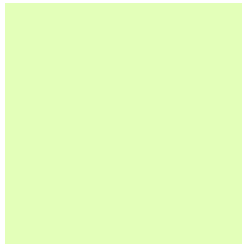
5.3237, 0.1841, 0.0788



0.5798, 0.1967, 0.0857

Previews

White Background



This preview shows how the Yxy color 91.3537, 0.3356, 0.4023 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 91.3537, 0.3356, 0.4023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

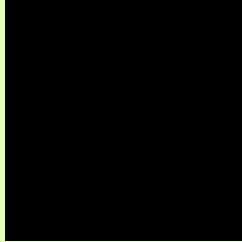
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

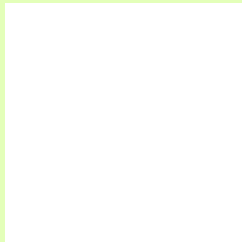
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.3537, 0.3356, 0.4023

Background



This preview shows how black text looks on a background with the Yxy color 91.3537, 0.3356, 0.4023.

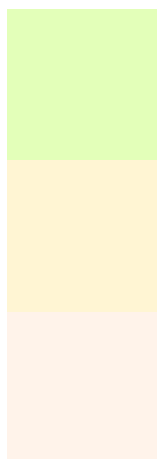


This preview shows how white text looks on a background with the Yxy color 91.3537, 0.3356, 0.4023.

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

91.3537, 0.3356, 0.4023

Protanopia

91.2680, 0.3404, 0.3627

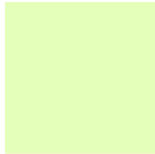
Deuteranopia

91.3017, 0.3261, 0.3378

Tritanopia

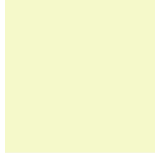
91.2256, 0.3043, 0.3192

Trichromacy



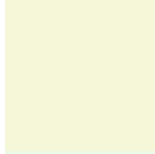
Original Color

91.3537, 0.3356, 0.4023



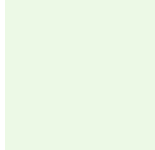
Protanomaly

91.4281, 0.3385, 0.3765



Deuteranomaly

90.8919, 0.3302, 0.3602



Tritanomaly

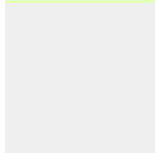
91.2974, 0.3156, 0.3482

Monochromacy



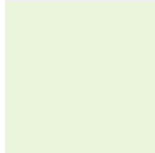
Original Color

91.3537, 0.3356, 0.4023



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.0815, 0.3219, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3537, 0.3356, 0.4023 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(227, 255, 185)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 255, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 185) }
```

Border

The CSS property to change the border of an element to Yxy 91.3537, 0.3356, 0.4023 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(227, 255, 185) }
```

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

```
.border{ border-color:rgb(227, 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(227, 255, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 255, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 255, 185); box-shadow:4px 4px 4px 4px rgb(227, 255, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3537, 0.3356, 0.4023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 185) }
```

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

```
.background{ background-color: rgb(227,  
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](#).

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