

Converting Colors

$Yxy(94.8585, 0.3310, 0.4010)$

Have a look what the booklet for
Yxy(94.8585, 0.3310, 0.4010)
contains.

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Color

Yxy(91.4503, 0.3315, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	E2FFBF
RGB	226, 255, 191
RGB Percent	89%, 100%, 75%
CMY	0.1135, 0.0000, 0.2511
CMYK	0.11, 0.00, 0.25, 0.00
HSL	87°, 100%, 87%
HSV	87°, 25%, 100%
XYZ	76.5357, 91.4503, 62.8908
YIQ	239.0330, 3.2600, -26.0520

Conversions

Conversions Part 2

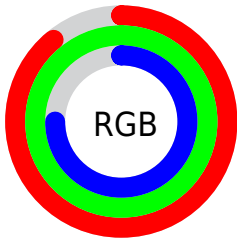
Format	Color
RYB	191, 255, 220
Decimal	14876607
CIELab	96.60, -20.15, 27.57
CIELCh	97, 34.150, 126.168
Yxy	91.4503, 0.3315, 0.3961
Android (android.graphics.Color)	4293066687 (0xFFE2FFBF)
YUV	239.0330, -23.6803, -11.4299
Hunter-Lab	95.6297, -24.4923, 27.9487

Details

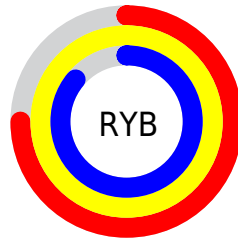
The Yxy color **91.4503, 0.3315, 0.3961** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.6732, 0.2896, 0.2612**, and the grayscale version is **86.5357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **50.7404, 0.3348, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **88.6254, 0.3383, 0.4254**, and if you desaturate by 10%, it is **94.6040, 0.3241, 0.3680**.

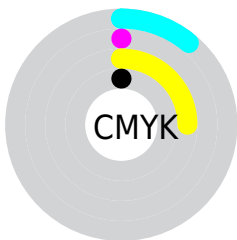
Distribution



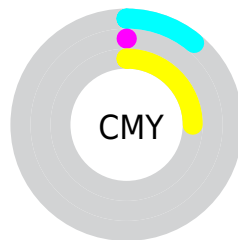
- Red (89%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (86%)



- Cyan (11%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4503, 0.3315, 0.3961 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 91.4503, 0.3315, 0.3961 by changing the saturation by 10% instead.


 91.4503, 0.3315,
0.3961

 91.4503, 0.3315,
0.3961


532.7374, 0.3238,
0.3654

 69.1841, 0.3330,
0.4030


 149.3513, 0.3290,
0.3855

 50.8617, 0.3348,
0.4115


185.7549, 0.3280,
0.3814

 36.0985, 0.3369,
0.4221


227.6398, 0.3271,
0.3778

 24.5103, 0.3392,
0.4358

275.3904, 0.3263,
0.3747

 15.7126, 0.3419,
0.4541

329.3911, 0.3255,
0.3719

 9.3210, 0.3446,
0.4794

390.0262, 0.3249,

 4.9512, 0.3464,

0.3695

0.5166

457.6802, 0.3243,
0.3673

■ 2.2186, 0.3664,
0.6134

■ 0.7301, 0.2167,
0.7833

■ 91.4503, 0.3315,
0.3961

■ 91.4503, 0.3315,
0.3961

■ 88.6254, 0.3383,
0.4254

■ 94.6040, 0.3241,
0.3680

■ 86.1047, 0.3441,
0.4551

■ 98.0864, 0.3166,
0.3416

■ 83.8787, 0.3485,
0.4838

■ 99.9979, 0.3127,
0.3290

■ 81.9326, 0.3510,
0.5102

■ 80.2498, 0.3512,
0.5328

■ 78.8116, 0.3490,
0.5503

■ 77.5952, 0.3447,
0.5623

■ 77.0662, 0.3420,
0.5666

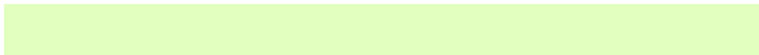
Harmonies

Analogous

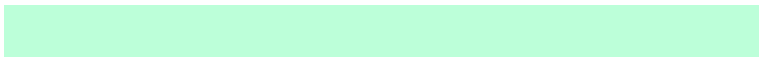
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4503, 0.3657, 0.3936



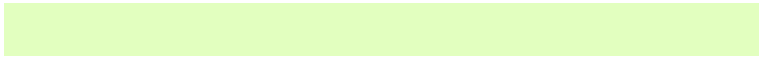
91.4503, 0.3315, 0.3961



91.4503, 0.2936, 0.3772

Triad

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



91.4503, 0.3315, 0.3961



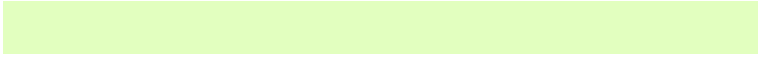
91.4503, 0.2438, 0.2797



91.4503, 0.3647, 0.3132

Complementary

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



91.4503, 0.3315, 0.3961



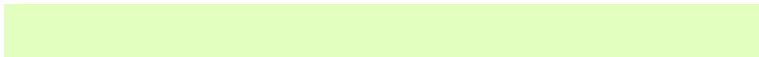
59.6732, 0.2896, 0.2612

Split Complementary

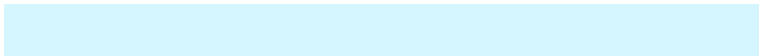
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.4503, 0.3290, 0.2870



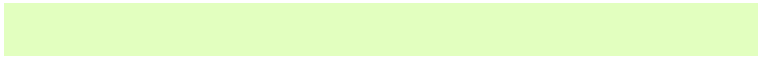
91.4503, 0.3315, 0.3961



91.4503, 0.2601, 0.2675

Square

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



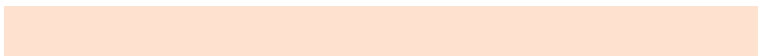
91.4503, 0.3315, 0.3961



91.4503, 0.2445, 0.3066



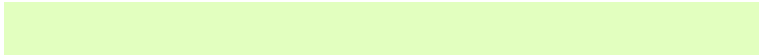
91.4503, 0.2906, 0.2706



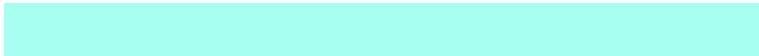
91.4503, 0.3861, 0.3442

Rectangle

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



91.4503, 0.3315, 0.3961



91.4503, 0.2714, 0.3553



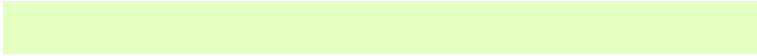
91.4503, 0.2906, 0.2706



91.4503, 0.3538, 0.3037

Sweetspot

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



91.4543, 0.3315, 0.3961



97.0473, 0.3188, 0.3491



76.0925, 0.3590, 0.3586



20.6585, 0.3199, 0.3530



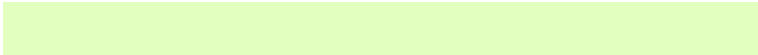
0.0000, 0.0000, 0.0000



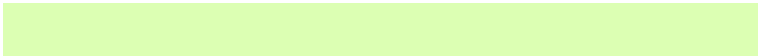
21.4041, 0.3127, 0.3290

Same Dimension

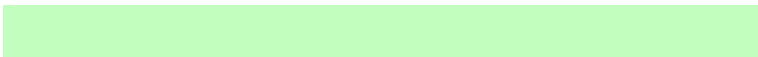
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4543, 0.3315, 0.3961



90.0337, 0.3349, 0.4104



86.7706, 0.3113, 0.4004



20.6585, 0.3199, 0.3530



40.3599, 0.3432, 0.5657



3.9946, 0.3514, 0.5592

Inverse Universe

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



59.6732, 0.2896, 0.2612



53.4202, 0.2841, 0.2466



65.1267, 0.3132, 0.2658



17.7799, 0.3050, 0.3049



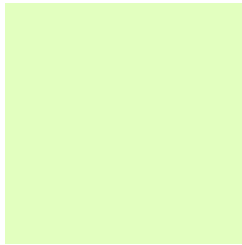
5.7740, 0.1931, 0.0838



0.6260, 0.2057, 0.0907

Previews

White Background



This preview shows how the Yxy color 91.4503, 0.3315, 0.3961 looks on a white background.

Color Contrast Check

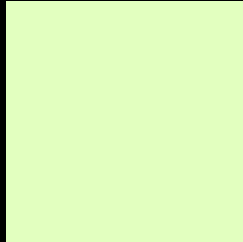
Large Text (above 18pt) WCAG AA × Fail

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 91.4503, 0.3315, 0.3961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

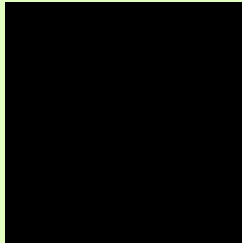
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

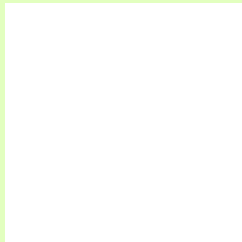
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.4503, 0.3315, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 91.4503, 0.3315, 0.3961.

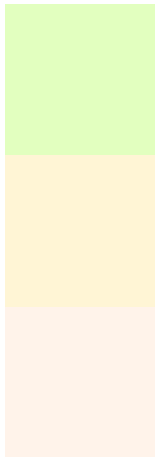


This preview shows how white text looks on a background with the Yxy color 91.4503, 0.3315, 0.3961.

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

91.4503, 0.3315, 0.3961

Protanopia

91.3689, 0.3391, 0.3607

Deuteranopia

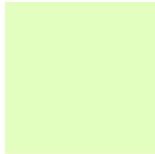
91.3017, 0.3261, 0.3378



Tritanopia

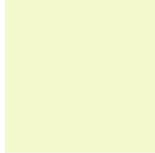
91.2256, 0.3043, 0.3192

Trichromacy



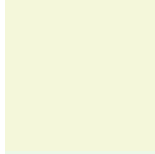
Original Color

91.4503, 0.3315, 0.3961



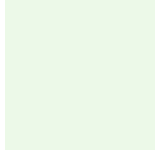
Protanomaly

91.3922, 0.3360, 0.3735



Deuteranomaly

90.8166, 0.3283, 0.3582



Tritanomaly

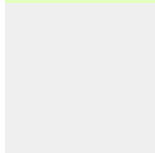
91.4104, 0.3145, 0.3462

Monochromacy



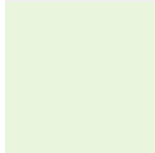
Original Color

91.4503, 0.3315, 0.3961



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.0712, 0.3194, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4503, 0.3315, 0.3961 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 191) }
```

Border

The CSS property to change the border of an element to Yxy 91.4503, 0.3315, 0.3961 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, 191) }
```

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

```
.border{ border-color:rgb(226, 255, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4503, 0.3315, 0.3961 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, 191) }
```

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

```
.background{ background-color: rgb(226,  
255, 191) }
```

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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