

Converting Colors

$Yxy(90.1683, 0.3353, 0.4099)$

Have a look what the booklet for
Yxy(90.1683, 0.3353, 0.4099)
contains.

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Color

Yxy(90.1468, 0.3350, 0.4097)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DDFFB3 |
| RGB | 221, 255, 179 |
| RGB Percent | 87%, 100%, 70% |
| CMY | 0.1334, 0.0000, 0.2979 |
| CMYK | 0.13, 0.00, 0.30, 0.00 |
| HSL | 87°, 100%, 85% |
| HSV | 87°, 30%, 100% |
| XYZ | 73.7105, 90.1468, 56.1740 |
| YIQ | 236.1700, 4.1320, -30.8440 |

Conversions

Conversions Part 2

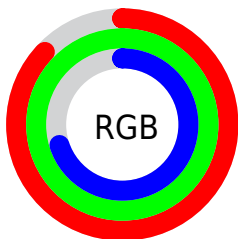
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 179, 255, 213 |
| Decimal | 14548915 |
| CIELab | 96.06, -23.63, 32.80 |
| CIELCh | 96, 40.424, 125.776 |
| Yxy | 90.1468, 0.3350, 0.4097 |
| Android (android.graphics.Color) | 4292738995 (0xFFDDFFB3) |
| YUV | 236.1700, -28.1848, -13.3041 |
| Hunter-Lab | 94.9457, -27.5776, 31.3834 |

Details

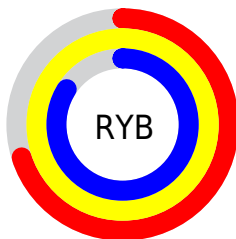
The Yxy color **90.1468, 0.3350, 0.4097** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **53.6235, 0.2841, 0.2472**, and the grayscale version is **84.2297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **49.8939, 0.3384, 0.4277** is the 20% darker color. If you saturate the color by 10%, you get **87.4729, 0.3415, 0.4393**, and if you desaturate by 10%, it is **93.1263, 0.3278, 0.3809**.

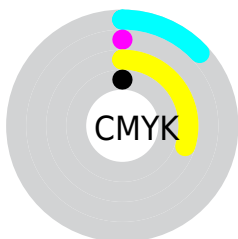
Distribution



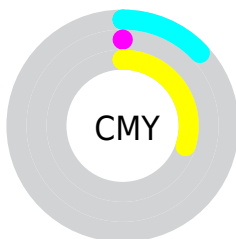
- Red (87%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (84%)



- Cyan (13%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.1468, 0.3350, 0.4097 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 90.1468, 0.3350, 0.4097 by changing the saturation by 10% instead.


 90.1468, 0.3350,
0.4097

 90.1468, 0.3350,
0.4097

528.5083, 0.3260,
0.3725

 68.1024, 0.3367,
0.4181


 147.5423, 0.3321,
0.3969

 49.9811, 0.3387,
0.4284


183.6622, 0.3310,
0.3918

 35.3983, 0.3409,
0.4413


225.2427, 0.3299,
0.3875

 23.9699, 0.3433,
0.4579

272.6682, 0.3290,
0.3837

 15.3113, 0.3457,
0.4800

326.3231, 0.3281,
0.3804

 9.0381, 0.3475,
0.5105

386.5918, 0.3273,

 4.7661, 0.3467,

0.3775

0.5546

453.8588, 0.3266,
0.3749

■ 2.1107, 0.3513,
0.6487

■ 0.6706, 0.0827,
0.9173

■ 90.1468, 0.3350,
0.4097

■ 90.1468, 0.3350,
0.4097

■ 87.4729, 0.3415,
0.4393

■ 93.1263, 0.3278,
0.3809

■ 85.1024, 0.3468,
0.4686

■ 96.4342, 0.3202,
0.3537

■ 83.0177, 0.3504,
0.4963

100.0000, 0.3127,
0.3290

■ 81.2033, 0.3519,
0.5210

■ 79.6419, 0.3510,
0.5413

■ 78.3130, 0.3478,
0.5562

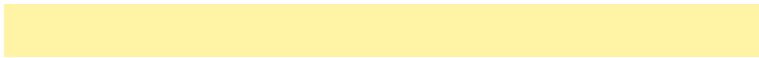
■ 77.1859, 0.3428,
0.5659

■ 77.1642, 0.3427,
0.5661

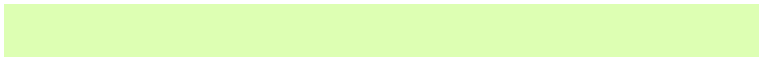
Harmonies

Analogous

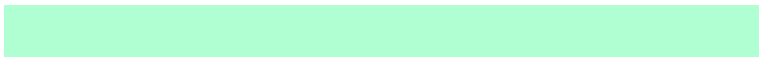
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1468, 0.3756, 0.4053



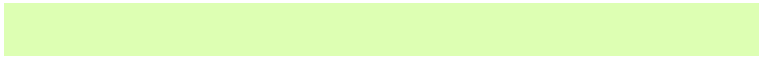
90.1468, 0.3350, 0.4097



90.1468, 0.2902, 0.3875

Triad

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



90.1468, 0.3350, 0.4097



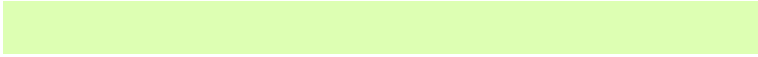
90.1468, 0.2317, 0.2707



90.1468, 0.3741, 0.3096

Complementary

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



90.1468, 0.3350, 0.4097



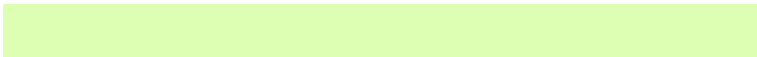
53.6235, 0.2841, 0.2472

Split Complementary

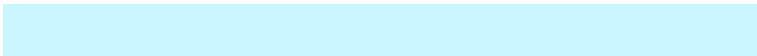
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1468, 0.3311, 0.2794



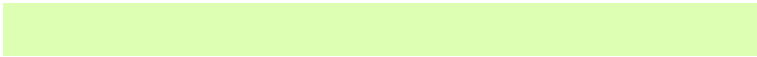
90.1468, 0.3350, 0.4097



90.1468, 0.2502, 0.2567

Square

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



90.1468, 0.3350, 0.4097



90.1468, 0.2326, 0.3022



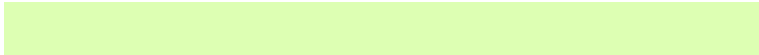
90.1468, 0.2857, 0.2604



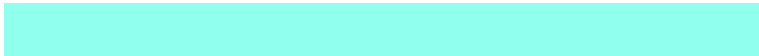
90.1468, 0.4000, 0.3456

Rectangle

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



90.1468, 0.3350, 0.4097



90.1468, 0.2641, 0.3609



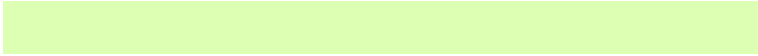
90.1468, 0.2857, 0.2604



90.1468, 0.3610, 0.2986

Sweetspot

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



90.1432, 0.3350, 0.4097



96.7114, 0.3196, 0.3517



71.5758, 0.3699, 0.3631



20.5919, 0.3207, 0.3555



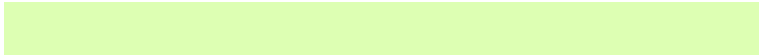
0.0000, 0.0000, 0.0000



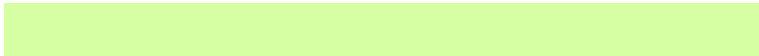
21.4041, 0.3127, 0.3290

Same Dimension

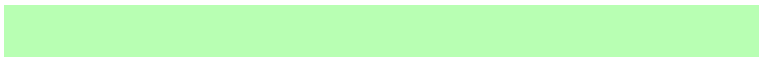
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.1432, 0.3350, 0.4097



88.4502, 0.3391, 0.4280



84.9769, 0.3116, 0.4158



20.6625, 0.3200, 0.3530



40.4100, 0.3438, 0.5652



3.9994, 0.3519, 0.5588

Inverse Universe

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



53.6235, 0.2841, 0.2472



46.3675, 0.2765, 0.2283



59.7815, 0.3123, 0.2537



17.7760, 0.3049, 0.3049



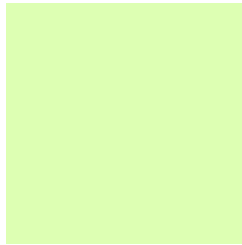
5.7349, 0.1924, 0.0833



0.6221, 0.2049, 0.0902

Previews

White Background



This preview shows how the Yxy color 90.1468, 0.3350, 0.4097 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 90.1468, 0.3350, 0.4097 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

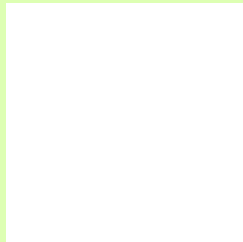
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.1468, 0.3350, 0.4097

Background



This preview shows how black text looks on a background with the Yxy color 90.1468, 0.3350, 0.4097.

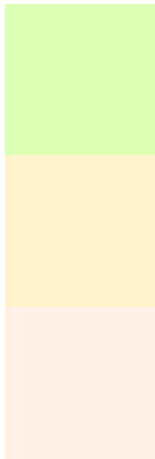


This preview shows how white text looks on a background with the Yxy color 90.1468, 0.3350, 0.4097.

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

90.1468, 0.3350, 0.4097

Protanopia

89.7208, 0.3452, 0.3678

Deuteranopia

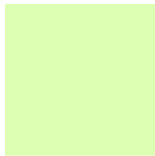
89.8838, 0.3289, 0.3398



Tritanopia

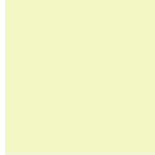
90.0985, 0.3024, 0.3181

Trichromacy



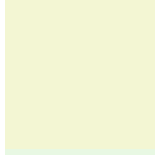
Original Color

90.1468, 0.3350, 0.4097



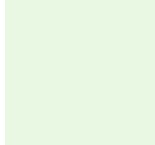
Protanomaly

89.5163, 0.3418, 0.3821



Deuteranomaly

89.6694, 0.3320, 0.3645



Tritanomaly

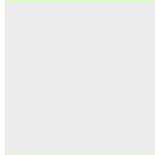
89.8367, 0.3149, 0.3505

Monochromacy



Original Color

90.1468, 0.3350, 0.4097



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.9964, 0.3219, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.1468, 0.3350, 0.4097 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(221, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 179)  
}
```

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(221, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 179) }
```

Border

The CSS property to change the border of an element to Yxy 90.1468, 0.3350, 0.4097 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(221, 255, 179) }
```

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

```
.border{ border-color:rgb(221, 255, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 90.1468, 0.3350, 0.4097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 179) }
```

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

```
.background{ background-color: rgb(221,  
255, 179) }
```

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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