

Converting Colors

$Yxy(90.1179, 0.3541, 0.4365)$

Have a look what the booklet for
Yxy(90.1179, 0.3541, 0.4365)
contains.

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Color

Yxy(90.1179, 0.3541, 0.4365)

Conversions

Conversions Part 1

Format	Color
Hex	E3FF98
RGB	227, 255, 152
RGB Percent	89%, 100%, 60%
CMY	0.1098, 0.0000, 0.4041
CMYK	0.11, 0.00, 0.40, 0.00
HSL	76°, 100%, 80%
HSV	76°, 40%, 100%
XYZ	73.1060, 90.1179, 43.2318
YIQ	234.8860, 16.3750, -37.9690

Conversions

Conversions Part 2

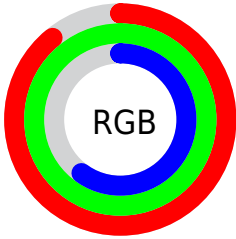
Format	Color
RYB	152, 255, 180
Decimal	14942104
CIELab	96.05, -24.84, 46.18
CIElCh	96, 52.441, 118.274
Yxy	90.1179, 0.3541, 0.4365
Android (android.graphics.Color)	4293132184 (0xFFE3FF98)
YUV	234.8860, -40.8628, -6.9160
Hunter-Lab	94.9304, -28.6654, 39.4503

Details

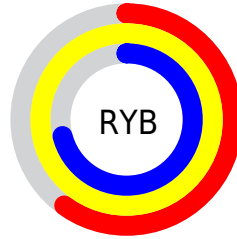
The Yxy color **90.1179, 0.3541, 0.4365** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **39.3640, 0.2570, 0.2104**, and the grayscale version is **83.2928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **49.8351, 0.3606, 0.4605** is the 20% darker color. If you saturate the color by 10%, you get **88.2669, 0.3624, 0.4630**, and if you desaturate by 10%, it is **92.1948, 0.3445, 0.4090**.

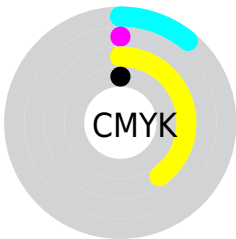
Distribution



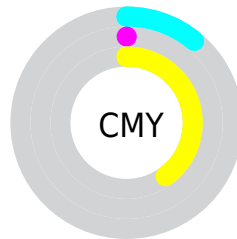
- Red (89%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (71%)



- Cyan (11%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.1179, 0.3541, 0.4365 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 90.1179, 0.3541, 0.4365 by changing the saturation by 10% instead.


 90.1179, 0.3541,
0.4365

 90.1179, 0.3541,
0.4365


528.4143, 0.3375,
0.3873

 68.0784, 0.3572,
0.4474


 147.5022, 0.3489,
0.4197

 49.9615, 0.3606,
0.4606


 183.6157, 0.3467,
0.4130

 35.3828, 0.3644,
0.4770


225.1895, 0.3448,
0.4073

 23.9579, 0.3682,
0.4975

272.6077, 0.3430,
0.4023

 15.3024, 0.3716,
0.5238

326.2550, 0.3414,
0.3979

 9.0319, 0.3728,
0.5578

386.5155, 0.3400,

 4.7620, 0.3792,

0.3939

0.6208

453.7739, 0.3387,
0.3904

■ 2.1083, 0.3440,
0.6560

■ 0.6693, 0.0426,
0.9574

■ 90.1179, 0.3541,
0.4365

■ 90.1179, 0.3541,
0.4365

■ 88.2669, 0.3624,
0.4630

■ 92.1948, 0.3445,
0.4090

■ 86.6282, 0.3689,
0.4873

■ 94.5072, 0.3342,
0.3816

■ 85.1888, 0.3732,
0.5082

■ 97.0659, 0.3236,
0.3551

■ 83.9332, 0.3749,
0.5247

99.8805, 0.3131,
0.3300

■ 82.8431, 0.3740,
0.5364

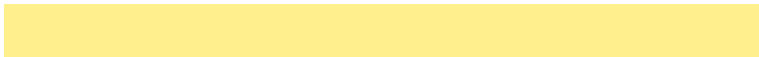
100.0000, 0.3127,
0.3290

■ 81.9248, 0.3711,
0.5435

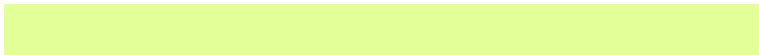
Harmonies

Analogous

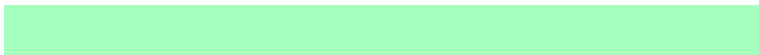
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1179, 0.4031, 0.4200



90.1179, 0.3541, 0.4365



90.1179, 0.2965, 0.4173

Triad

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



90.1179, 0.3541, 0.4365



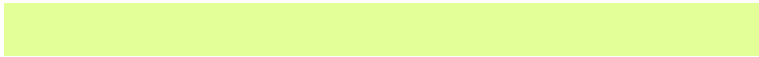
90.1179, 0.2082, 0.2613



90.1179, 0.3796, 0.2932

Complementary

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



90.1179, 0.3541, 0.4365



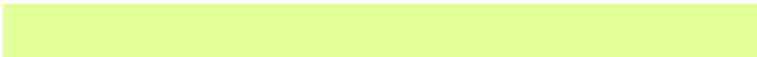
39.3640, 0.2570, 0.2104

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.



90.1179, 0.3206, 0.2588



90.1179, 0.3541, 0.4365



90.1179, 0.2252, 0.2393

Square

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



90.1179, 0.3541, 0.4365



90.1179, 0.2151, 0.3060



90.1179, 0.2646, 0.2395



90.1179, 0.4208, 0.3366

Rectangle

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



90.1179, 0.3541, 0.4365



90.1179, 0.2612, 0.3851



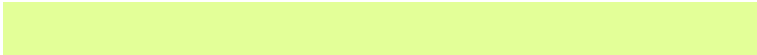
90.1179, 0.2646, 0.2395



90.1179, 0.3609, 0.2804

Sweetspot

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



90.1184, 0.3541, 0.4365



96.6409, 0.3253, 0.3593



55.9438, 0.4040, 0.3581



20.6116, 0.3267, 0.3627



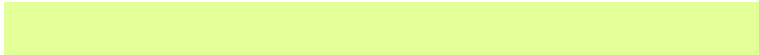
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

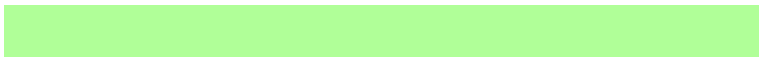
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.1184, 0.3541, 0.4365



88.6923, 0.3606, 0.4568



83.0170, 0.3208, 0.4489



20.8281, 0.3227, 0.3528



42.8851, 0.3719, 0.5429



4.2296, 0.3775, 0.5384

Inverse Universe

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



39.3640, 0.2570, 0.2104



31.9767, 0.2438, 0.1852



46.6479, 0.2974, 0.2230



17.6164, 0.3021, 0.3047



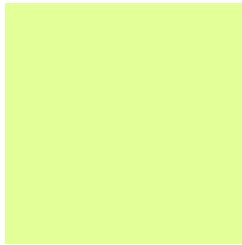
4.5015, 0.1667, 0.0692



0.4895, 0.1780, 0.0754

Previews

White Background



This preview shows how the Yxy color 90.1179, 0.3541, 0.4365 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 90.1179, 0.3541, 0.4365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

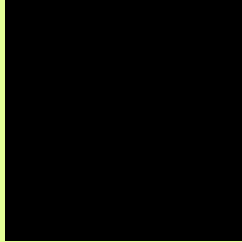
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.1179, 0.3541, 0.4365

Background



This preview shows how black text looks on a background with the Yxy color 90.1179, 0.3541, 0.4365.

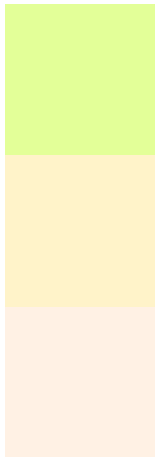


This preview shows how white text looks on a background with the Yxy color 90.1179, 0.3541, 0.4365.

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

90.1179, 0.3541, 0.4365

Protanopia

89.5782, 0.3471, 0.3709

Deuteranopia

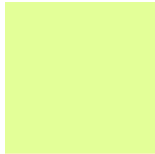
89.7720, 0.3301, 0.3418



Tritanopia

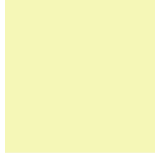
89.6015, 0.3050, 0.3162

Trichromacy



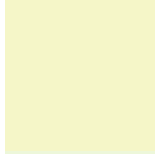
Original Color

90.1179, 0.3541, 0.4365



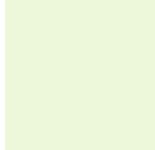
Protanomaly

89.3529, 0.3506, 0.3942



Deuteranomaly

89.4941, 0.3402, 0.3757



Tritanomaly

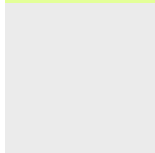
89.5880, 0.3236, 0.3587

Monochromacy



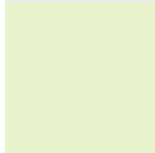
Original Color

90.1179, 0.3541, 0.4365



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

85.0678, 0.3288, 0.3678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.1179, 0.3541, 0.4365 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 152) }
```

Border

The CSS property to change the border of an element to Yxy 90.1179, 0.3541, 0.4365 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, 152) }
```

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

```
.border{ border-color:rgb(227, 255, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 152);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 90.1179, 0.3541, 0.4365 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, 152) }
```

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

```
.background{ background-color: rgb(227,  
255, 152) }
```

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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