

Converting Colors

$Yxy(93.4450, 0.3487, 0.4067)$

Have a look what the booklet for
Yxy(93.4450, 0.3487, 0.4067)
contains.

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Color

Yxy(93.4754, 0.3484, 0.4062)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFB3
RGB	241, 255, 179
RGB Percent	95%, 100%, 70%
CMY	0.0549, 0.0000, 0.2980
CMYK	0.05, 0.00, 0.30, 0.00
HSL	71°, 100%, 85%
HSV	71°, 30%, 100%
XYZ	80.1744, 93.4754, 56.4718
YIQ	242.1500, 16.0520, -26.6040

Conversions

Conversions Part 2

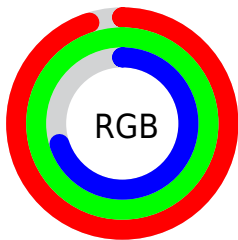
Format	Color
RYB	179, 255, 193
Decimal	15859635
CIELab	97.42, -16.45, 34.86
CIElCh	97, 38.550, 115.263
Yxy	93.4754, 0.3484, 0.4062
Android (android.graphics.Color)	4294049715 (0xFFFF1FFB3)
YUV	242.1500, -31.1330, -1.0086
Hunter-Lab	96.6827, -21.1731, 33.0469

Details

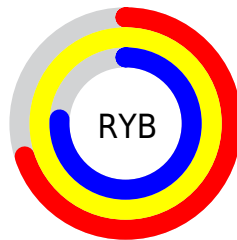
The Yxy color **93.4754, 0.3484, 0.4062** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **50.8055, 0.2695, 0.2438**, and the grayscale version is **89.1615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **52.0849, 0.3546, 0.4224** is the 20% darker color. If you saturate the color by 10%, you get **91.7225, 0.3596, 0.4326**, and if you desaturate by 10%, it is **95.4433, 0.3365, 0.3795**.

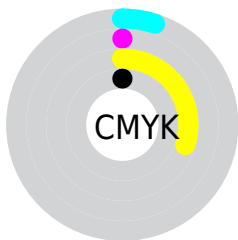
Distribution



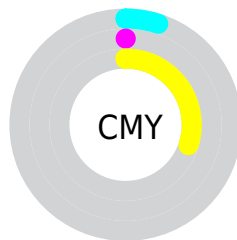
- Red (95%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (76%)



- Cyan (5%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.4754, 0.3484, 0.4062 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 93.4754, 0.3484, 0.4062 by changing the saturation by 10% instead.

 93.4754, 0.3484,
0.4062

 93.4754, 0.3484,
0.4062


539.2725, 0.3334,
0.3713

 70.8667, 0.3514,
0.4139


 152.1566, 0.3435,
0.3943

 52.2334, 0.3550,
0.4233


188.9979, 0.3415,
0.3896

 37.1912, 0.3592,
0.4349


231.3522, 0.3398,
0.3855

 25.3555, 0.3641,
0.4496

279.6039, 0.3382,
0.3820

 16.3421, 0.3699,
0.4688

334.1374, 0.3368,
0.3788

 9.7666, 0.3763,
0.4945

395.3371, 0.3356,

 5.2445, 0.3823,

0.3760

0.5300

463.5873, 0.3344,
0.3735

2.3914, 0.3978,
0.6022

0.8215, 0.3158,
0.6842

93.4754, 0.3484,
0.4062

93.4754, 0.3484,
0.4062

91.7225, 0.3596,
0.4326

95.4433, 0.3365,
0.3795

90.1696, 0.3696,
0.4578

97.6317, 0.3244,
0.3534

88.8064, 0.3779,
0.4805

100.0000, 0.3127,
0.3290

87.6199, 0.3839,
0.4998

■ 86.5951, 0.3873,
0.5148

■ 85.7143, 0.3880,
0.5251

■ 84.9493, 0.3865,
0.5312

■ 84.9344, 0.3865,
0.5313

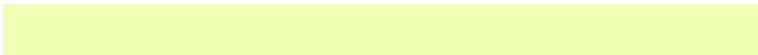
Harmonies

Analogous

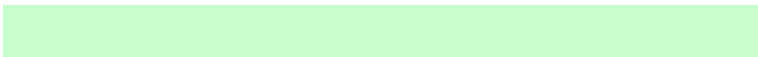
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4754, 0.3825, 0.3946



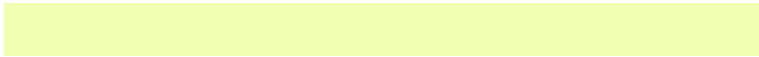
93.4754, 0.3484, 0.4062



93.4754, 0.3062, 0.3939

Triad

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



93.4754, 0.3484, 0.4062



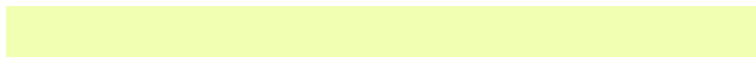
93.4754, 0.2341, 0.2828



93.4754, 0.3576, 0.2998

Complementary

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



93.4754, 0.3484, 0.4062



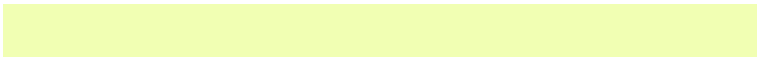
50.8055, 0.2695, 0.2438

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.



93.4754, 0.3147, 0.2743



93.4754, 0.3484, 0.4062



93.4754, 0.2455, 0.2634

Square

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



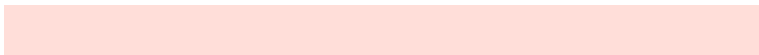
93.4754, 0.3484, 0.4062



93.4754, 0.2418, 0.3176



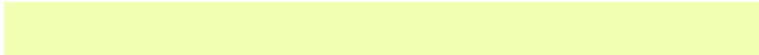
93.4754, 0.2740, 0.2610



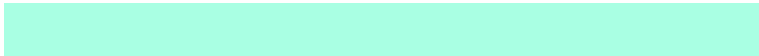
93.4754, 0.3889, 0.3328

Rectangle

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



93.4754, 0.3484, 0.4062



93.4754, 0.2793, 0.3728



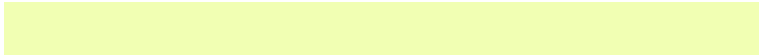
93.4754, 0.2740, 0.2610



93.4754, 0.3439, 0.2902

Sweetspot

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



93.4768, 0.3484, 0.4062



97.8161, 0.3234, 0.3514



62.6315, 0.3756, 0.3437



20.8649, 0.3252, 0.3551



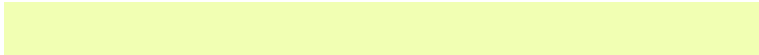
0.0000, 0.0000, 0.0000



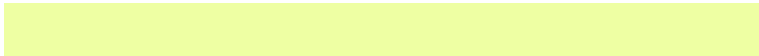
21.4041, 0.3127, 0.3290

Same Dimension

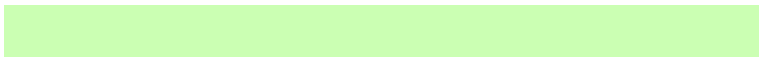
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.4768, 0.3484, 0.4062



92.3644, 0.3555, 0.4227



87.4827, 0.3234, 0.4127



20.9117, 0.3240, 0.3527



44.4410, 0.3870, 0.5309



4.3689, 0.3909, 0.5278

Inverse Universe

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



50.8055, 0.2695, 0.2438



43.2018, 0.2585, 0.2232



56.4452, 0.2976, 0.2503



17.5386, 0.3007, 0.3046



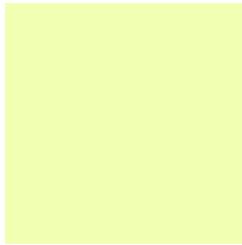
4.1339, 0.1584, 0.0646



0.4436, 0.1679, 0.0698

Previews

White Background



This preview shows how the Yxy color 93.4754, 0.3484, 0.4062 looks on a white background.

Color Contrast Check

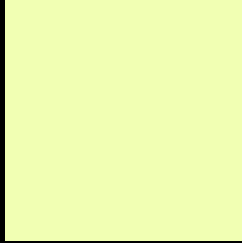
Large Text (above 18pt) WCAG AA × Fail

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 93.4754, 0.3484, 0.4062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

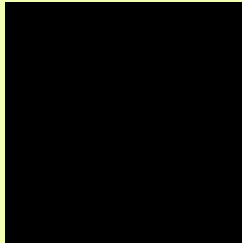
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.4754, 0.3484, 0.4062

Background



This preview shows how black text looks on a background with the Yxy color 93.4754, 0.3484, 0.4062.

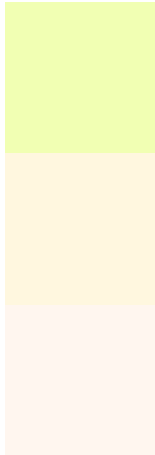


This preview shows how white text looks on a background with the Yxy color 93.4754, 0.3484, 0.4062.

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

93.4754, 0.3484, 0.4062

Protanopia

93.1092, 0.3325, 0.3526

Deuteranopia

93.4035, 0.3228, 0.3358

Tritanopia

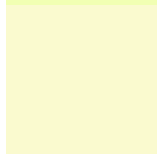
93.4555, 0.3099, 0.3203

Trichromacy



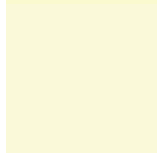
Original Color

93.4754, 0.3484, 0.4062



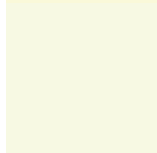
Protanomaly

93.2002, 0.3386, 0.3719



Deuteranomaly

93.0851, 0.3327, 0.3608



Tritanomaly

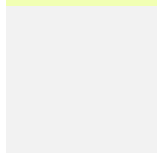
93.0716, 0.3246, 0.3509

Monochromacy



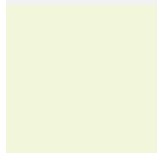
Original Color

93.4754, 0.3484, 0.4062



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.5132, 0.3263, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.4754, 0.3484, 0.4062 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(241, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 179) }
```

Border

The CSS property to change the border of an element to Yxy 93.4754, 0.3484, 0.4062 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(241, 255, 179) }
```

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

```
.border{ border-color:rgb(241, 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(241, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 93.4754, 0.3484, 0.4062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 179) }
```

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

```
.background{ background-color: rgb(241,  
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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