

Converting Colors

$Yxy(94.7847, 0.3537, 0.4053)$

Have a look what the booklet for
Yxy(94.7847, 0.3537, 0.4053)
contains.

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Color

Yxy(94.7311, 0.3531, 0.4050)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFB3
RGB	248, 255, 179
RGB Percent	97%, 100%, 70%
CMY	0.0277, 0.0000, 0.2980
CMYK	0.03, 0.00, 0.30, 0.00
HSL	66°, 100%, 85%
HSV	66°, 30%, 100%
XYZ	82.5915, 94.7311, 56.5814
YIQ	244.2430, 20.2240, -25.1200

Conversions

Conversions Part 2

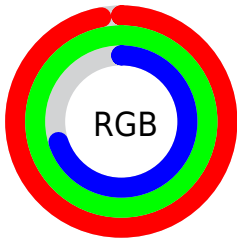
Format	Color
RYB	179, 255, 186
Decimal	16318387
CIELab	97.93, -13.93, 35.63
CIELCh	98, 38.257, 111.354
Yxy	94.7311, 0.3531, 0.4050
Android (android.graphics.Color)	4294508467 (0xFFF8FFB3)
YUV	244.2430, -32.1648, 3.2949
Hunter-Lab	97.3299, -18.8571, 33.6635

Details

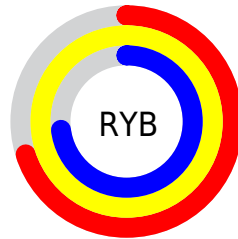
The Yxy color **94.7311, 0.3531, 0.4050** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.9102, 0.2646, 0.2426**, and the grayscale version is **90.9056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **52.9709, 0.3607, 0.4205** is the 20% darker color. If you saturate the color by 10%, you get **93.3511, 0.3660, 0.4303**, and if you desaturate by 10%, it is **96.2846, 0.3396, 0.3790**.

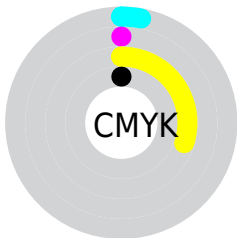
Distribution



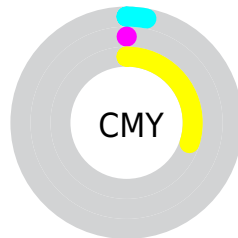
- Red (97%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.7311, 0.3531, 0.4050 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 94.7311, 0.3531, 0.4050 by changing the saturation by 10% instead.

 94.7311, 0.3531,
0.4050

 94.7311, 0.3531,
0.4050


543.3038, 0.3360,
0.3709

 71.9112, 0.3566,
0.4125


 153.8931, 0.3475,
0.3934

 53.0861, 0.3607,
0.4215


191.0039, 0.3452,
0.3888

 37.8715, 0.3656,
0.4327


233.6472, 0.3432,
0.3849

 25.8830, 0.3713,
0.4468

282.2073, 0.3415,
0.3814

 16.7361, 0.3782,
0.4649

337.0686, 0.3399,
0.3783

 10.0465, 0.3861,
0.4890

398.6155, 0.3385,

 5.4298, 0.3942,

0.3756

0.5217

467.2324, 0.3372,
0.3731

■ 2.5016, 0.4131,
0.5869

■ 0.8774, 0.3602,
0.6398

■ 94.7311, 0.3531,
0.4050

■ 94.7311, 0.3531,
0.4050

■ 93.3511, 0.3660,
0.4303

■ 96.2846, 0.3396,
0.3790


■ 92.1682, 0.3777,
0.4540


■ 98.0555, 0.3259,
0.3533


■ 91.1595, 0.3876,
0.4749


100.0000, 0.3127,
0.3290

■ 90.3120, 0.3953,
0.4923

 89.6110, 0.4003,
0.5053

 89.0388, 0.4027,
0.5138

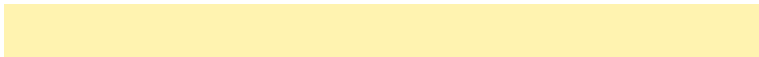
 88.5675, 0.4028,
0.5183

 88.5585, 0.4028,
0.5184

Harmonies

Analogous

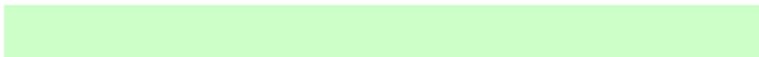
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7311, 0.3849, 0.3910



94.7311, 0.3531, 0.4050



94.7311, 0.3118, 0.3960

Triad

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



94.7311, 0.3531, 0.4050



94.7311, 0.2349, 0.2871



94.7311, 0.3519, 0.2963

Complementary

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



94.7311, 0.3531, 0.4050



49.9102, 0.2646, 0.2426

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.



94.7311, 0.3091, 0.2724



94.7311, 0.3531, 0.4050



94.7311, 0.2437, 0.2657

Square

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



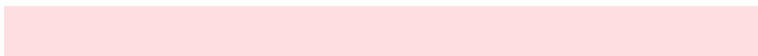
94.7311, 0.3531, 0.4050



94.7311, 0.2449, 0.3230



94.7311, 0.2700, 0.2612



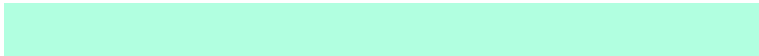
94.7311, 0.3850, 0.3283

Rectangle

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



94.7311, 0.3531, 0.4050



94.7311, 0.2846, 0.3769



94.7311, 0.2700, 0.2612



94.7311, 0.3380, 0.2872

Sweetspot

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



94.7197, 0.3531, 0.4050



98.2067, 0.3248, 0.3513



59.3546, 0.3779, 0.3358



20.9618, 0.3268, 0.3550



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

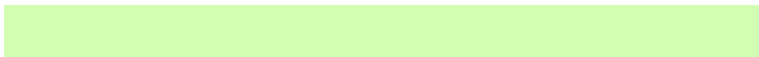
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.7197, 0.3531, 0.4050



93.8489, 0.3612, 0.4208



88.5751, 0.3283, 0.4115



20.9999, 0.3255, 0.3526



46.3090, 0.4031, 0.5182



4.5329, 0.4050, 0.5166

Inverse Universe

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



49.9102, 0.2646, 0.2426



42.2259, 0.2526, 0.2216



55.2038, 0.2918, 0.2489



17.4585, 0.2993, 0.3045



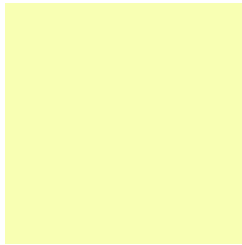
3.8991, 0.1530, 0.0616



0.4056, 0.1591, 0.0650

Previews

White Background



This preview shows how the Yxy color 94.7311, 0.3531, 0.4050 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 94.7311, 0.3531, 0.4050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

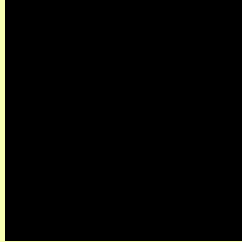
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.7311, 0.3531, 0.4050

Background



This preview shows how black text looks on a background with the Yxy color 94.7311, 0.3531, 0.4050.

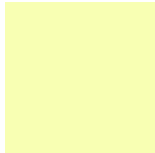


This preview shows how white text looks on a background with the Yxy color 94.7311, 0.3531, 0.4050.

Color Blindness Simulation

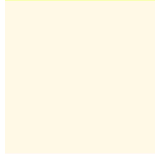
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



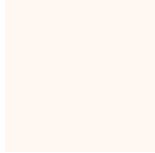
Original Color

94.7311, 0.3531, 0.4050



Protanopia

94.7245, 0.3280, 0.3475



Deuteranopia

94.8056, 0.3208, 0.3348

Tritanopia

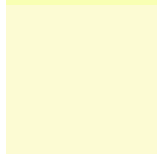
94.6242, 0.3118, 0.3213

Trichromacy



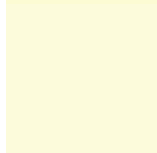
Original Color

94.7311, 0.3531, 0.4050



Protanomaly

94.3930, 0.3374, 0.3686



Deuteranomaly

94.8043, 0.3325, 0.3606



Tritanomaly

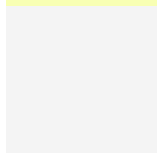
94.4265, 0.3271, 0.3516

Monochromacy



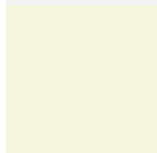
Original Color

94.7311, 0.3531, 0.4050



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.7146, 0.3276, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7311, 0.3531, 0.4050 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(248, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 179) }
```

Border

The CSS property to change the border of an element to Yxy 94.7311, 0.3531, 0.4050 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(248, 255, 179) }
```

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

```
.border{ border-color:rgb(248, 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(248, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7311, 0.3531, 0.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 179) }
```

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

```
.background{ background-color: rgb(248,  
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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