

Converting Colors

$Yxy(94.1587, 0.3583, 0.4150)$

Have a look what the booklet for
Yxy(94.1587, 0.3583, 0.4150)
contains.

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Color

Yxy(94.1587, 0.3583, 0.4150)

Conversions

Conversions Part 1

Format	Color
Hex	F7FFA9
RGB	247, 255, 169
RGB Percent	97%, 100%, 66%
CMY	0.0312, 0.0000, 0.3372
CMYK	0.03, 0.00, 0.34, 0.00
HSL	66°, 100%, 83%
HSV	66°, 34%, 100%
XYZ	81.2941, 94.1587, 51.4356
YIQ	242.8040, 22.8380, -28.4420

Conversions

Conversions Part 2

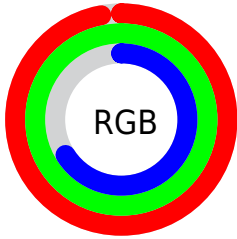
Format	Color
R_{YB}	169, 255, 177
Decimal	16252841
CIE _{Lab}	97.70, -15.45, 40.26
CIE _{LCh}	98, 43.127, 110.994
Yxy	94.1587, 0.3583, 0.4150
Android (android.graphics.Color)	4294442921 (0xFF7FFA9)
YUV	242.8040, -36.3854, 3.6799
Hunter-Lab	97.0354, -20.2686, 36.4969

Details

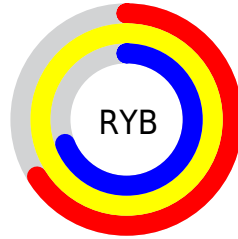
The Yxy color **94.1587, 0.3583, 0.4150** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **44.9462, 0.2570, 0.2294**, and the grayscale version is **89.7545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **52.5963, 0.3669, 0.4329** is the 20% darker color. If you saturate the color by 10%, you get **92.8710, 0.3708, 0.4398**, and if you desaturate by 10%, it is **95.6470, 0.3449, 0.3892**.

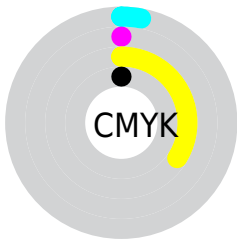
Distribution



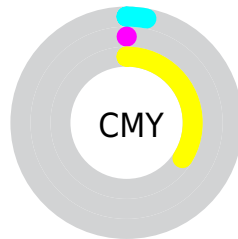
- Red (97%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.1587, 0.3583, 0.4150 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 94.1587, 0.3583, 0.4150 by changing the saturation by 10% instead.

 94.1587, 0.3583,
0.4150

 94.1587, 0.3583,
0.4150


541.4681, 0.3392,
0.3764

 71.4350, 0.3621,
0.4234


 153.1018, 0.3521,
0.4019

 52.6972, 0.3666,
0.4336


190.0900, 0.3495,
0.3967

 37.5611, 0.3718,
0.4461


232.6017, 0.3473,
0.3922

 25.6422, 0.3779,
0.4618

281.0214, 0.3453,
0.3883

 16.5562, 0.3849,
0.4818

335.7335, 0.3435,
0.3848

 9.9186, 0.3923,
0.5079

397.1224, 0.3419,

 5.3450, 0.4011,

0.3817

0.5455

465.5725, 0.3405,
0.3789

■ 2.4511, 0.4041,
0.5959

■ 0.8520, 0.3368,
0.6632

■ 94.1587, 0.3583,
0.4150

■ 94.1587, 0.3583,
0.4150

■ 92.8710, 0.3708,
0.4398

■ 95.6470, 0.3449,
0.3892

■ 91.7604, 0.3819,
0.4625

■ 97.3333, 0.3312,
0.3633

■ 90.8189, 0.3910,
0.4822

■ 99.2310, 0.3177,
0.3381

■ 90.0331, 0.3976,
0.4979

99.9940, 0.3127,
0.3290

■ 89.3872, 0.4016,
0.5091

■ 88.8621, 0.4030,
0.5158

■ 88.5767, 0.4029,
0.5183

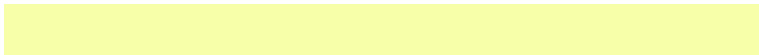
Harmonies

Analogous

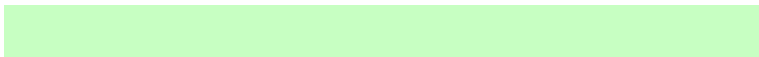
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1587, 0.3942, 0.3980



94.1587, 0.3583, 0.4150



94.1587, 0.3118, 0.4057

Triad

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



94.1587, 0.3583, 0.4150



94.1587, 0.2257, 0.2817



94.1587, 0.3563, 0.2919

Complementary

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



94.1587, 0.3583, 0.4150



44.9462, 0.2570, 0.2294

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.



94.1587, 0.3078, 0.2655



94.1587, 0.3583, 0.4150



94.1587, 0.2352, 0.2580

Square

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



94.1587, 0.3583, 0.4150



94.1587, 0.2369, 0.3224



94.1587, 0.2641, 0.2531



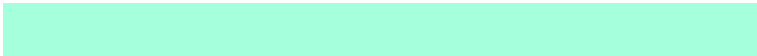
94.1587, 0.3942, 0.3273

Rectangle

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



94.1587, 0.3583, 0.4150



94.1587, 0.2813, 0.3841



94.1587, 0.2641, 0.2531



94.1587, 0.3405, 0.2818

Sweetspot

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



94.1629, 0.3583, 0.4150



98.0212, 0.3261, 0.3538



55.2474, 0.3899, 0.3368



20.9248, 0.3281, 0.3574



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

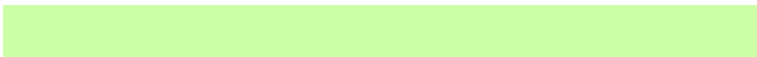
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1629, 0.3583, 0.4150



93.3370, 0.3663, 0.4308



87.3361, 0.3300, 0.4235



21.0005, 0.3255, 0.3526



46.3222, 0.4032, 0.5181



4.5341, 0.4051, 0.5165

Inverse Universe

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



44.9462, 0.2570, 0.2294



37.7279, 0.2445, 0.2076



50.6902, 0.2883, 0.2376



17.4579, 0.2993, 0.3045



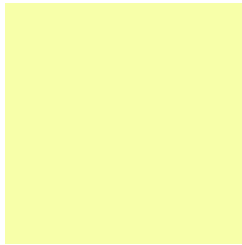
3.8980, 0.1530, 0.0616



0.4053, 0.1591, 0.0650

Previews

White Background



This preview shows how the Yxy color 94.1587, 0.3583, 0.4150 looks on a white background.

Color Contrast Check

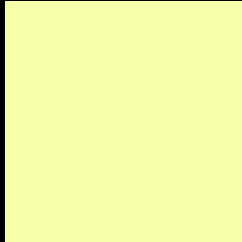
Large Text (above 18pt) WCAG AA × Fail

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 94.1587, 0.3583, 0.4150 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 94.1587, 0.3583, 0.4150

Background



This preview shows how black text looks on a background with the Yxy color 94.1587, 0.3583, 0.4150.



This preview shows how white text looks on a background with the Yxy color 94.1587, 0.3583, 0.4150.

Color Blindness Simulation

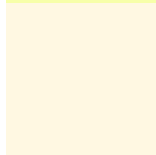
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



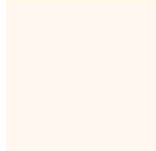
Original Color

94.1587, 0.3583, 0.4150



Protanopia

93.8858, 0.3306, 0.3505



Deuteranopia

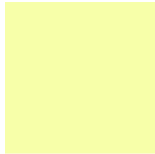
94.0728, 0.3221, 0.3358



Tritanopia

94.0142, 0.3118, 0.3204

Trichromacy



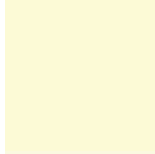
Original Color

94.1587, 0.3583, 0.4150



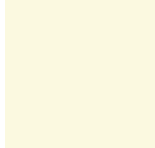
Protanomaly

94.0976, 0.3411, 0.3746



Deuteranomaly

93.9217, 0.3357, 0.3646



Tritanomaly

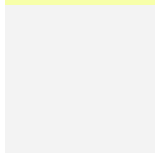
93.6424, 0.3290, 0.3537

Monochromacy



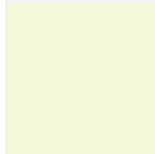
Original Color

94.1587, 0.3583, 0.4150



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.7125, 0.3295, 0.3603

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1587, 0.3583, 0.4150 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(247, 255, 169)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 169)  
}
```

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(247, 255, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 169) }
```

Border

The CSS property to change the border of an element to Yxy 94.1587, 0.3583, 0.4150 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(247, 255, 169) }
```

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

```
.border{ border-color:rgb(247, 255, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 169);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1587, 0.3583, 0.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 169) }
```

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

```
.background{ background-color: rgb(247,  
255, 169) }
```

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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