

Converting Colors

$Y_{xy}(100.4068, 0.3489, 0.4114)$

Have a look what the booklet for
Yxy(100.4068, 0.3489, 0.4114)
contains.

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Color

Yxy(94.4490, 0.3506, 0.4033)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFB5
RGB	246, 255, 181
RGB Percent	96%, 100%, 71%
CMY	0.0353, 0.0000, 0.2901
CMYK	0.04, 0.00, 0.29, 0.00
HSL	67°, 100%, 85%
HSV	67°, 29%, 100%
XYZ	82.1072, 94.4490, 57.6343
YIQ	243.8730, 18.3900, -24.9220

Conversions

Conversions Part 2

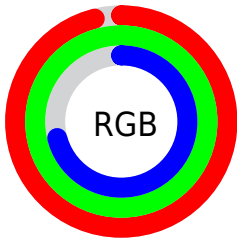
Format	Color
R_{YB}	181, 255, 190
Decimal	16187317
CIE _{Lab}	97.81, -14.38, 34.44
CIE _{LCh}	98, 37.324, 112.656
Yxy	94.4490, 0.3506, 0.4033
Android (android.graphics.Color)	4294377397 (0xFFFF6FFB5)
YUV	243.8730, -30.9964, 1.8654
Hunter-Lab	97.1849, -19.2668, 32.8682

Details

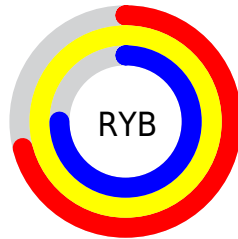
The Yxy color **94.4490, 0.3506, 0.4033** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.2321, 0.2676, 0.2456**, and the grayscale version is **90.6021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **52.7393, 0.3583, 0.4198** is the 20% darker color. If you saturate the color by 10%, you get **92.9394, 0.3631, 0.4290**, and if you desaturate by 10%, it is **96.1599, 0.3375, 0.3771**.

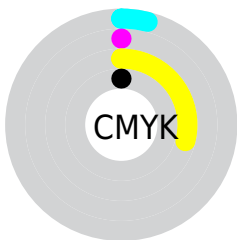
Distribution



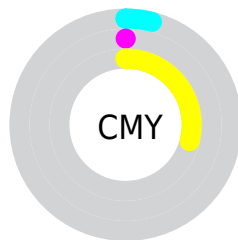
- Red (96%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.4490, 0.3506, 0.4033 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 94.4490, 0.3506, 0.4033 by changing the saturation by 10% instead.


 94.4490, 0.3506,
0.4033

 94.4490, 0.3506,
0.4033


542.3995, 0.3346,
0.3699

 71.6765, 0.3539,
0.4106


 153.5032, 0.3453,
0.3919

 52.8944, 0.3577,
0.4196


190.5536, 0.3432,
0.3874

 37.7185, 0.3623,
0.4306


233.1321, 0.3413,
0.3835

 25.7643, 0.3677,
0.4445

281.6230, 0.3397,
0.3801

 16.6474, 0.3742,
0.4625

336.4109, 0.3382,
0.3771

 9.9834, 0.3817,
0.4866

397.8799, 0.3369,

 5.3880, 0.3894,

0.3744

0.5195

466.4147, 0.3357,
0.3720

■ 2.4766, 0.4104,
0.5896

■ 0.8649, 0.3526,
0.6474

■ 94.4490, 0.3506,
0.4033

■ 94.4490, 0.3506,
0.4033

■ 92.9394, 0.3631,
0.4290

■ 96.1599, 0.3375,
0.3771


■ 91.6201, 0.3743,
0.4533

■ 98.0814, 0.3244,
0.3513


■ 90.4797, 0.3839,
0.4751

100.0000, 0.3127,
0.3290

■ 89.5055, 0.3912,
0.4934

 88.6829, 0.3959,
0.5074

 87.9944, 0.3980,
0.5168

 87.4145, 0.3977,
0.5220

 87.3597, 0.3976,
0.5225

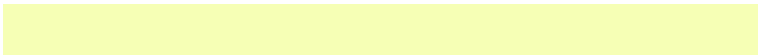
Harmonies

Analogous

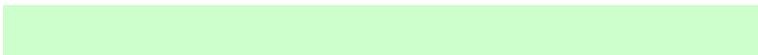
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.4490, 0.3822, 0.3906



94.4490, 0.3506, 0.4033



94.4490, 0.3101, 0.3934

Triad

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



94.4490, 0.3506, 0.4033



94.4490, 0.2366, 0.2869



94.4490, 0.3527, 0.2983

Complementary

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



94.4490, 0.3506, 0.4033



51.2321, 0.2676, 0.2456

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.



94.4490, 0.3110, 0.2744



94.4490, 0.3506, 0.4033



94.4490, 0.2460, 0.2666

Square

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



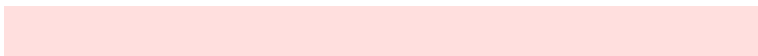
94.4490, 0.3506, 0.4033



94.4490, 0.2456, 0.3215



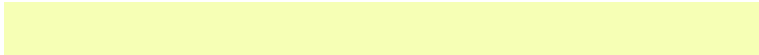
94.4490, 0.2724, 0.2628



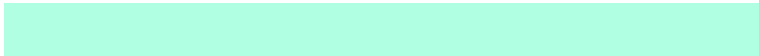
94.4490, 0.3843, 0.3299

Rectangle

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



94.4490, 0.3506, 0.4033



94.4490, 0.2837, 0.3743



94.4490, 0.2724, 0.2628



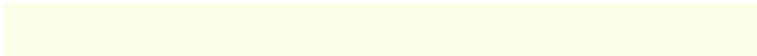
94.4490, 0.3392, 0.2892

Sweetspot

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



94.4492, 0.3506, 0.4033



98.0829, 0.3244, 0.3513



61.2775, 0.3749, 0.3382



20.9311, 0.3263, 0.3550



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

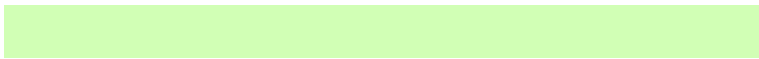
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.4492, 0.3506, 0.4033



93.5210, 0.3582, 0.4188



88.4691, 0.3263, 0.4094



20.9719, 0.3250, 0.3526



45.6917, 0.3980, 0.5222



4.4791, 0.4006, 0.5201

Inverse Universe

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



51.2321, 0.2676, 0.2456



43.7038, 0.2564, 0.2255



56.5535, 0.2943, 0.2516



17.4837, 0.2997, 0.3045



3.9582, 0.1544, 0.0624



0.4174, 0.1619, 0.0665

Previews

White Background



This preview shows how the Yxy color 94.4490, 0.3506, 0.4033 looks on a white background.

Color Contrast Check

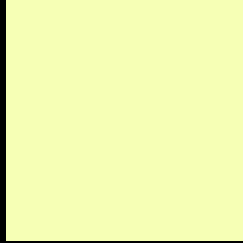
Large Text (above 18pt) WCAG AA × Fail

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 94.4490, 0.3506, 0.4033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

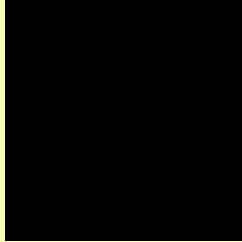
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.4490, 0.3506, 0.4033

Background



This preview shows how black text looks on a background with the Yxy color 94.4490, 0.3506, 0.4033.

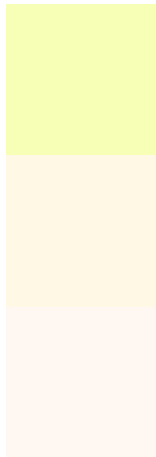


This preview shows how white text looks on a background with the Yxy color 94.4490, 0.3506, 0.4033.

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

94.4490, 0.3506, 0.4033

Protanopia

93.9962, 0.3293, 0.3486

Deuteranopia

94.1324, 0.3215, 0.3348

Tritanopia

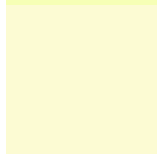
94.4370, 0.3112, 0.3213

Trichromacy



Original Color

94.4490, 0.3506, 0.4033



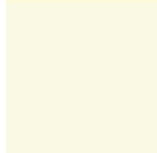
Protanomaly

94.3930, 0.3374, 0.3686



Deuteranomaly

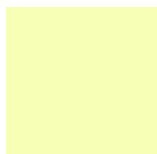
94.1811, 0.3326, 0.3596



Tritanomaly

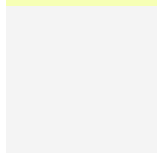
94.2966, 0.3258, 0.3507

Monochromacy



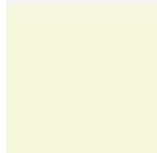
Original Color

94.4490, 0.3506, 0.4033



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.7677, 0.3270, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.4490, 0.3506, 0.4033 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(246, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 181)  
}
```

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(246, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 181) }
```

Border

The CSS property to change the border of an element to Yxy 94.4490, 0.3506, 0.4033 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(246, 255, 181) }
```

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

```
.border{ border-color:rgb(246, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 94.4490, 0.3506, 0.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 181) }
```

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

```
.background{ background-color: rgb(246,  
255, 181) }
```

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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