

Converting Colors

$Yxy(94.9673, 0.3454, 0.3973)$

Have a look what the booklet for
Yxy(94.9673, 0.3454, 0.3973)
contains.

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Color

Yxy(94.5633, 0.3458, 0.3964)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFBC
RGB	245, 255, 188
RGB Percent	96%, 100%, 74%
CMY	0.0393, 0.0000, 0.2626
CMYK	0.04, 0.00, 0.26, 0.00
HSL	69°, 100%, 87%
HSV	69°, 26%, 100%
XYZ	82.4924, 94.5633, 61.4995
YIQ	244.3720, 15.5470, -22.9570

Conversions

Conversions Part 2

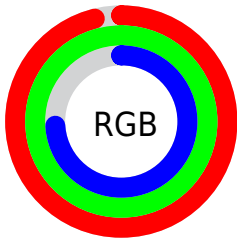
Format	Color
RYB	188, 255, 198
Decimal	16121788
CIELab	97.86, -13.83, 30.98
CIELCh	98, 33.932, 114.056
Yxy	94.5633, 0.3458, 0.3964
Android (android.graphics.Color)	4294311868 (0xFFFF5FFBC)
YUV	244.3720, -27.7914, 0.5508
Hunter-Lab	97.2437, -18.7537, 30.5740

Details

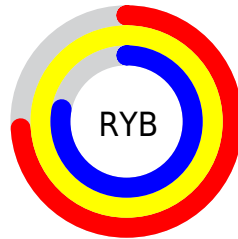
The Yxy color **94.5633, 0.3458, 0.3964** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.2132, 0.2739, 0.2548**, and the grayscale version is **90.9969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **52.8008, 0.3523, 0.4112** is the 20% darker color. If you saturate the color by 10%, you get **92.8790, 0.3580, 0.4226**, and if you desaturate by 10%, it is **96.4542, 0.3332, 0.3701**.

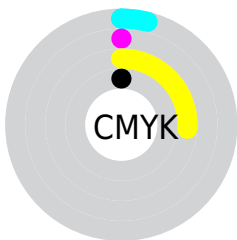
Distribution



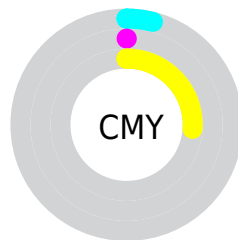
- Red (96%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (78%)



- Cyan (4%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.5633, 0.3458, 0.3964 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 94.5633, 0.3458, 0.3964 by changing the saturation by 10% instead.


 94.5633, 0.3458,
0.3964

 94.5633, 0.3458,
0.3964


542.7660, 0.3318,
0.3661

 71.7716, 0.3487,
0.4031


 153.6611, 0.3412,
0.3861

 52.9721, 0.3521,
0.4112


190.7360, 0.3393,
0.3820

 37.7805, 0.3562,
0.4213


233.3408, 0.3377,
0.3784

 25.8124, 0.3611,
0.4341

281.8598, 0.3362,
0.3754

 16.6833, 0.3671,
0.4508

336.6774, 0.3349,
0.3726

 10.0090, 0.3742,
0.4733

398.1780, 0.3338,

 5.4049, 0.3821,

0.3702

0.5049

466.7461, 0.3327,
0.3680

■ 2.4867, 0.4135,
0.5865

■ 0.8700, 0.3599,
0.6401

■ 94.5633, 0.3458,
0.3964

■ 94.5633, 0.3458,
0.3964

■ 92.8790, 0.3580,
0.4226

■ 96.4542, 0.3332,
0.3701

■ 91.3938, 0.3691,
0.4479

■ 98.5640, 0.3205,
0.3444

■ 90.0954, 0.3787,
0.4710

100.0000, 0.3127,
0.3290

■ 88.9715, 0.3861,
0.4909

■ 88.0080, 0.3911,
0.5067

■ 87.1883, 0.3934,
0.5179

■ 86.4919, 0.3932,
0.5246

■ 86.2518, 0.3927,
0.5264

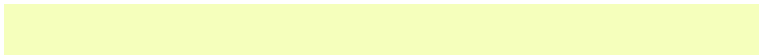
Harmonies

Analogous

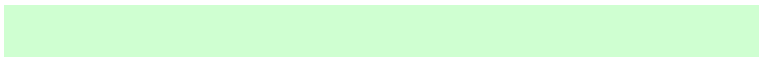
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5633, 0.3750, 0.3862



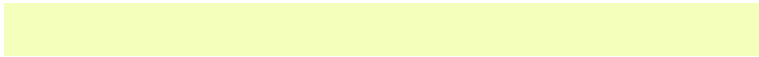
94.5633, 0.3458, 0.3964



94.5633, 0.3088, 0.3862

Triad

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



94.5633, 0.3458, 0.3964



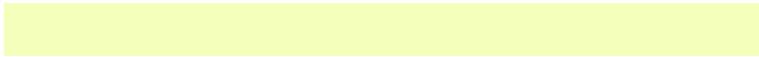
94.5633, 0.2431, 0.2897



94.5633, 0.3507, 0.3022

Complementary

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



94.5633, 0.3458, 0.3964



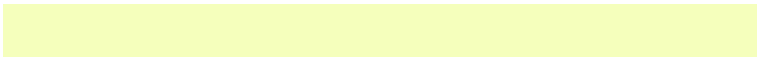
55.2132, 0.2739, 0.2548

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.



94.5633, 0.3131, 0.2798



94.5633, 0.3458, 0.3964



94.5633, 0.2526, 0.2715

Square

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



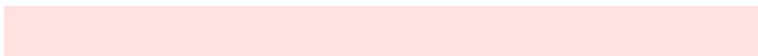
94.5633, 0.3458, 0.3964



94.5633, 0.2507, 0.3208



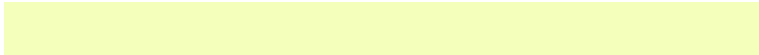
94.5633, 0.2775, 0.2686



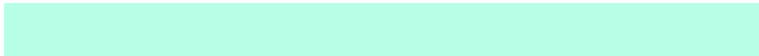
94.5633, 0.3786, 0.3315

Rectangle

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



94.5633, 0.3458, 0.3964



94.5633, 0.2849, 0.3684



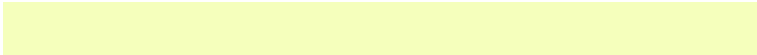
94.5633, 0.2775, 0.2686



94.5633, 0.3387, 0.2937

Sweetspot

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



94.5624, 0.3458, 0.3964



98.1811, 0.3227, 0.3488



64.8079, 0.3670, 0.3384



20.9451, 0.3246, 0.3526



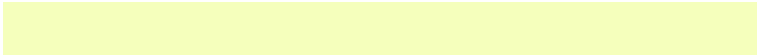
0.0000, 0.0000, 0.0000



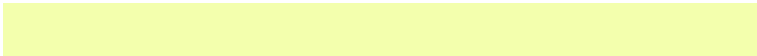
21.4041, 0.3127, 0.3290

Same Dimension

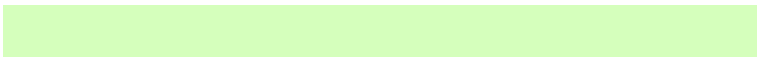
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.5624, 0.3458, 0.3964



93.5715, 0.3529, 0.4115



89.2369, 0.3244, 0.4012



20.9451, 0.3246, 0.3526



45.1206, 0.3931, 0.5261



4.4290, 0.3963, 0.5235

Inverse Universe

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



55.2132, 0.2739, 0.2548



47.6501, 0.2636, 0.2360



60.0978, 0.2973, 0.2596



17.5081, 0.3002, 0.3046



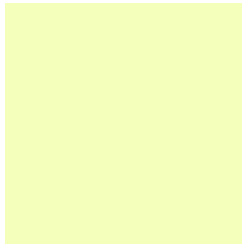
4.0280, 0.1560, 0.0633



0.4288, 0.1645, 0.0680

Previews

White Background



This preview shows how the Yxy color 94.5633, 0.3458, 0.3964 looks on a white background.

Color Contrast Check

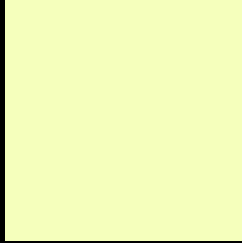
Large Text (above 18pt) WCAG AA × Fail

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 94.5633, 0.3458, 0.3964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

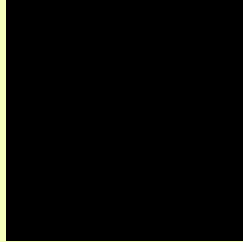
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.5633, 0.3458, 0.3964

Background



This preview shows how black text looks on a background with the Yxy color 94.5633, 0.3458, 0.3964.

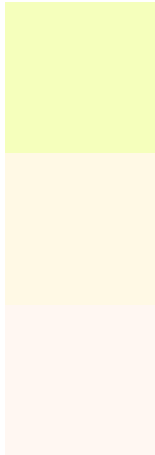


This preview shows how white text looks on a background with the Yxy color 94.5633, 0.3458, 0.3964.

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

94.5633, 0.3458, 0.3964

Protanopia

94.6685, 0.3286, 0.3485

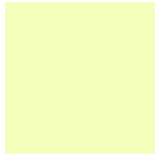
Deuteranopia

94.1923, 0.3209, 0.3339

Tritanopia

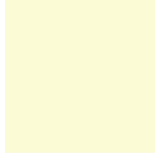
94.2508, 0.3105, 0.3213

Trichromacy



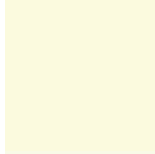
Original Color

94.5633, 0.3458, 0.3964



Protanomaly

94.3586, 0.3349, 0.3657



Deuteranomaly

94.1544, 0.3301, 0.3567



Tritanomaly

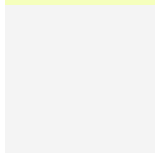
94.2805, 0.3234, 0.3477

Monochromacy



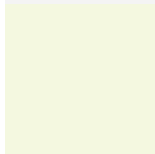
Original Color

94.5633, 0.3458, 0.3964



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.7497, 0.3245, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5633, 0.3458, 0.3964 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(245, 255, 188)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 188)  
}
```

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(245, 255, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 188) }
```

Border

The CSS property to change the border of an element to Yxy 94.5633, 0.3458, 0.3964 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(245, 255, 188) }
```

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

```
.border{ border-color:rgb(245, 255, 188) }
```

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

Here you see how a box with a 4 pixel rgb(245, 255, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5633, 0.3458, 0.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 188) }
```

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

```
.background{ background-color: rgb(245,  
255, 188) }
```

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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