

Converting Colors

$Y_{xy}(100.0000, 0.3368, 0.3939)$

Have a look what the booklet for
Yxy(100.0000, 0.3368, 0.3939)
contains.

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Color

Yxy(94.6519, 0.3386, 0.3865)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFC6
RGB	243, 255, 198
RGB Percent	95%, 100%, 78%
CMY	0.0470, 0.0000, 0.2235
CMYK	0.05, 0.00, 0.22, 0.00
HSL	73°, 100%, 89%
HSV	73°, 22%, 100%
XYZ	82.9214, 94.6519, 67.3216
YIQ	244.9140, 11.1450, -20.2710

Conversions

Conversions Part 2

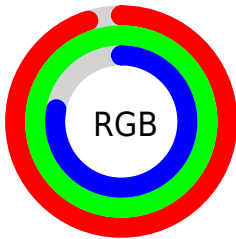
Format	Color
RYB	198, 255, 210
Decimal	15990726
CIELab	97.89, -13.16, 25.99
CIElCh	98, 29.127, 116.858
Yxy	94.6519, 0.3386, 0.3865
Android (android.graphics.Color)	4294180806 (0xFFFF3FFC6)
YUV	244.9140, -23.1286, -1.6786
Hunter-Lab	97.2892, -18.1172, 27.0753

Details

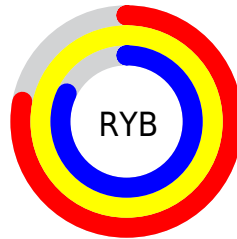
The Yxy color **94.6519, 0.3386, 0.3865** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.3033, 0.2829, 0.2675**, and the grayscale version is **91.4261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8409, 0.3432, 0.3988** is the 20% darker color. If you saturate the color by 10%, you get **92.6375, 0.3499, 0.4134**, and if you desaturate by 10%, it is **96.9005, 0.3270, 0.3601**.

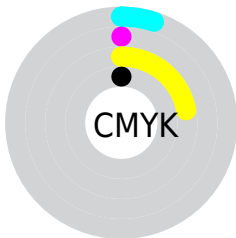
Distribution



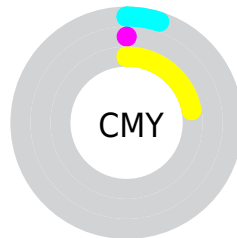
- Red (95%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.6519, 0.3386, 0.3865 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 94.6519, 0.3386, 0.3865 by changing the saturation by 10% instead.


 94.6519, 0.3386,
0.3865

 94.6519, 0.3386,
0.3865


543.0500, 0.3276,
0.3606

 71.8453, 0.3409,
0.3922

153.7836, 0.3350,
0.3777

 53.0323, 0.3436,
0.3992


190.8775, 0.3335,
0.3742

 37.8286, 0.3469,
0.4079


233.5026, 0.3322,
0.3712

 25.8497, 0.3509,
0.4190

282.0433, 0.3311,
0.3685

 16.7112, 0.3558,
0.4336

336.8840, 0.3300,
0.3662

 10.0288, 0.3619,
0.4535

398.4090, 0.3291,

 5.4181, 0.3692,

0.3641

0.4822

467.0029, 0.3283,
0.3623

■ 2.4946, 0.3866,
0.5398

■ 0.8739, 0.3682,
0.6318

■ 94.6519, 0.3386,
0.3865

■ 94.6519, 0.3386,
0.3865

■ 92.6375, 0.3499,
0.4134

■ 96.9005, 0.3270,
0.3601


■ 90.8347, 0.3604,
0.4400


■ 99.3803, 0.3154,
0.3347


■ 89.2367, 0.3695,
0.4651


■ 99.9995, 0.3127,
0.3290

■ 87.8312, 0.3768,
0.4876

 86.6049, 0.3816,
0.5064

 85.5421, 0.3839,
0.5207

 84.6240, 0.3836,
0.5303

 83.9986, 0.3819,
0.5350

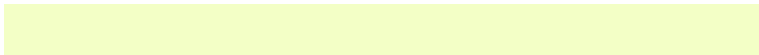
Harmonies

Analogous

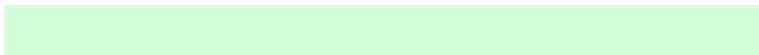
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6519, 0.3645, 0.3798



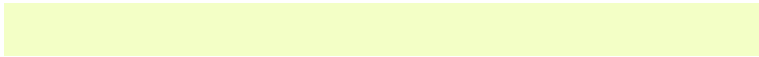
94.6519, 0.3386, 0.3865



94.6519, 0.3066, 0.3759

Triad

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



94.6519, 0.3386, 0.3865



94.6519, 0.2526, 0.2934



94.6519, 0.3481, 0.3081

Complementary

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



94.6519, 0.3386, 0.3865



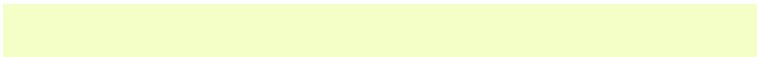
61.3033, 0.2829, 0.2675

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.



94.6519, 0.3163, 0.2878



94.6519, 0.3386, 0.3865



94.6519, 0.2623, 0.2786

Square

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



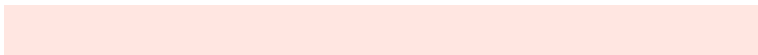
94.6519, 0.3386, 0.3865



94.6519, 0.2579, 0.3195



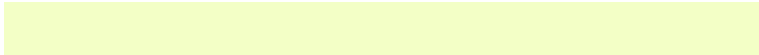
94.6519, 0.2851, 0.2770



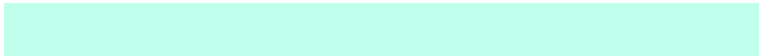
94.6519, 0.3706, 0.3340

Rectangle

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



94.6519, 0.3386, 0.3865



94.6519, 0.2863, 0.3600



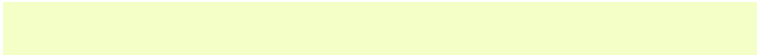
94.6519, 0.2851, 0.2770



94.6519, 0.3381, 0.3005

Sweetspot

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



94.6561, 0.3386, 0.3865



98.1991, 0.3207, 0.3463



71.1328, 0.3562, 0.3408



20.9866, 0.3214, 0.3479



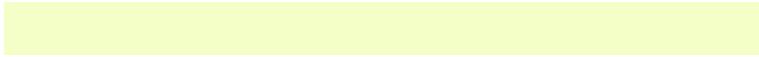
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

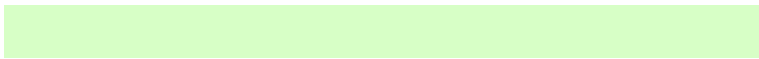
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.6561, 0.3386, 0.3865



93.6915, 0.3439, 0.3990



90.0583, 0.3204, 0.3899



20.8869, 0.3236, 0.3527



43.9580, 0.3825, 0.5345



4.3260, 0.3869, 0.5310

Inverse Universe

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



61.3033, 0.2829, 0.2675



54.7646, 0.2755, 0.2530



65.7659, 0.3028, 0.2710



17.5615, 0.3011, 0.3046



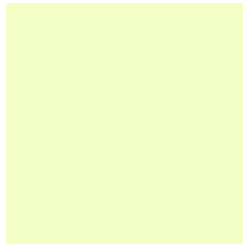
4.2271, 0.1605, 0.0658



0.4559, 0.1706, 0.0713

Previews

White Background



This preview shows how the Yxy color 94.6519, 0.3386, 0.3865 looks on a white background.

Color Contrast Check

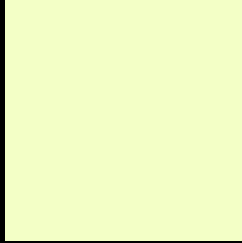
Large Text (above 18pt) WCAG AA × Fail

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 94.6519, 0.3386, 0.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

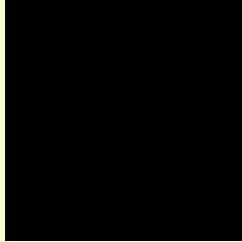
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.6519, 0.3386, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 94.6519, 0.3386, 0.3865.

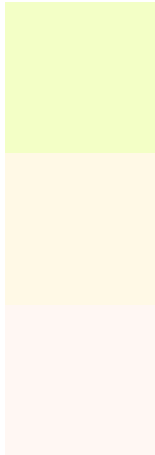


This preview shows how white text looks on a background with the Yxy color 94.6519, 0.3386, 0.3865.

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

94.6519, 0.3386, 0.3865

Protanopia

94.7245, 0.3280, 0.3475

Deuteranopia

94.2526, 0.3203, 0.3329

Tritanopia

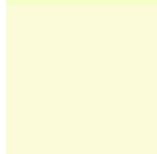
94.6788, 0.3099, 0.3223

Trichromacy



Original Color

94.6519, 0.3386, 0.3865



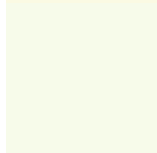
Protanomaly

94.5655, 0.3324, 0.3616



Deuteranomaly

94.4265, 0.3271, 0.3516



Tritanomaly

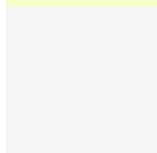
94.7090, 0.3202, 0.3458

Monochromacy



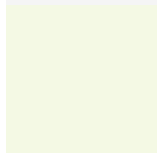
Original Color

94.6519, 0.3386, 0.3865



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.5859, 0.3220, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6519, 0.3386, 0.3865 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(243, 255, 198)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 198)  
}
```

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(243, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 198) }
```

Border

The CSS property to change the border of an element to Yxy 94.6519, 0.3386, 0.3865 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(243, 255, 198) }
```

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

```
.border{ border-color:rgb(243, 255, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6519, 0.3386, 0.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 198) }
```

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

```
.background{ background-color: rgb(243,  
255, 198) }
```

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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