

Converting Colors

$Yxy(94.9789, 0.3329, 0.3773)$

Have a look what the booklet for
Yxy(94.9789, 0.3329, 0.3773)
contains.

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Color

Yxy(94.9022, 0.3326, 0.3774)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFCF
RGB	242, 255, 207
RGB Percent	95%, 100%, 81%
CMY	0.0510, 0.0000, 0.1883
CMYK	0.05, 0.00, 0.19, 0.00
HSL	76°, 100%, 91%
HSV	76°, 19%, 100%
XYZ	83.6367, 94.9022, 72.9243
YIQ	245.6410, 7.6600, -17.6840

Conversions

Conversions Part 2

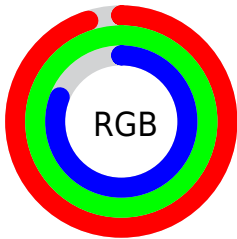
Format	Color
R_{YB}	207, 255, 220
Decimal	15925199
CIE _{Lab}	97.99, -12.22, 21.56
CIE _{LCh}	98, 24.781, 119.552
Yxy	94.9022, 0.3326, 0.3774
Android (android.graphics.Color)	4294115279 (0xFFFF2FFCF)
YUV	245.6410, -19.0500, -3.1932
Hunter-Lab	97.4178, -17.2324, 23.8095

Details

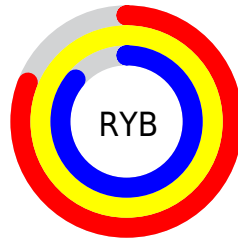
The Yxy color **94.9022, 0.3326, 0.3774** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.0463, 0.2902, 0.2785**, and the grayscale version is **92.0019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.1272, 0.3365, 0.3870** is the 20% darker color. If you saturate the color by 10%, you get **92.5535, 0.3430, 0.4047**, and if you desaturate by 10%, it is **97.4948, 0.3220, 0.3511**.

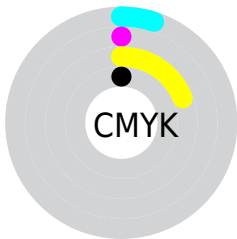
Distribution



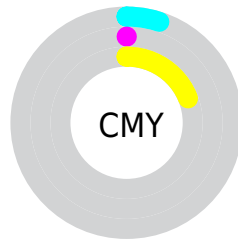
- Red (95%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (86%)



- Cyan (5%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.9022, 0.3326, 0.3774 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 94.9022, 0.3326, 0.3774 by changing the saturation by 10% instead.


 94.9022, 0.3326,
0.3774

 94.9022, 0.3326,
0.3774

543.8518, 0.3241,
0.3556

 72.0536, 0.3344,
0.3822


154.1295, 0.3298,
0.3700

 53.2024, 0.3365,
0.3881

191.2769, 0.3287,
0.3670

 37.9644, 0.3391,
0.3954


233.9595, 0.3277,
0.3645

 25.9551, 0.3422,
0.4048

282.5614, 0.3268,
0.3623

 16.7900, 0.3461,
0.4172

337.4673, 0.3260,
0.3603

 10.0849, 0.3511,
0.4343

399.0613, 0.3253,

 5.4553, 0.3574,

0.3586

0.4592

467.7281, 0.3247,
0.3570

■ 2.5168, 0.3669,
0.5013

■ 0.8850, 0.3802,
0.6198

■ 94.9022, 0.3326,
0.3774

■ 94.9022, 0.3326,
0.3774

■ 92.5535, 0.3430,
0.4047

■ 97.4948, 0.3220,
0.3511

■ 90.4440, 0.3527,
0.4322

100.0000, 0.3127,
0.3290

■ 88.5610, 0.3613,
0.4589

■ 86.8924, 0.3681,
0.4836

■ 85.4250, 0.3728,
0.5051

■ 84.1438, 0.3749,
0.5224

■ 83.0309, 0.3745,
0.5348

■ 82.0609, 0.3717,
0.5426

■ 81.9532, 0.3713,
0.5434

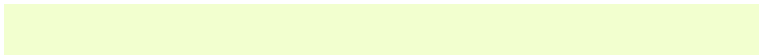
Harmonies

Analogous

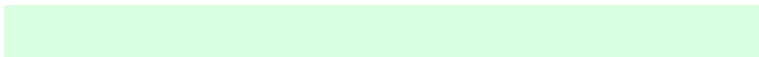
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9022, 0.3553, 0.3734



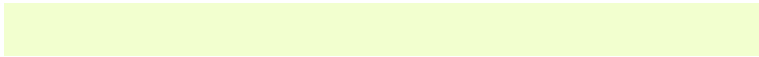
94.9022, 0.3326, 0.3774



94.9022, 0.3053, 0.3670

Triad

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



94.9022, 0.3326, 0.3774



94.9022, 0.2615, 0.2973



94.9022, 0.3449, 0.3131

Complementary

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



94.9022, 0.3326, 0.3774



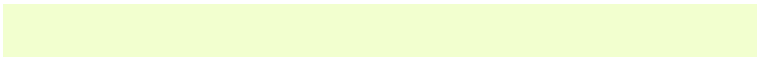
67.0463, 0.2902, 0.2785

Split Complementary

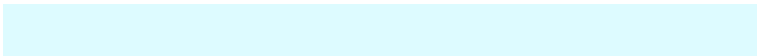
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.9022, 0.3185, 0.2949



94.9022, 0.3326, 0.3774



94.9022, 0.2709, 0.2854

Square

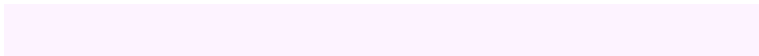
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



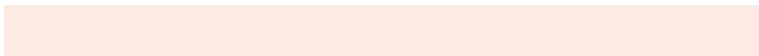
94.9022, 0.3326, 0.3774



94.9022, 0.2649, 0.3189



94.9022, 0.2914, 0.2848



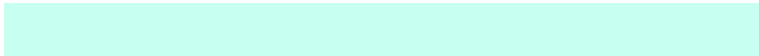
94.9022, 0.3629, 0.3357

Rectangle

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



94.9022, 0.3326, 0.3774



94.9022, 0.2881, 0.3531



94.9022, 0.2914, 0.2848



94.9022, 0.3367, 0.3063

Sweetspot

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



94.9004, 0.3326, 0.3774



98.2762, 0.3190, 0.3438



76.8359, 0.3474, 0.3421



20.9962, 0.3197, 0.3455



0.0000, 0.0000, 0.0000



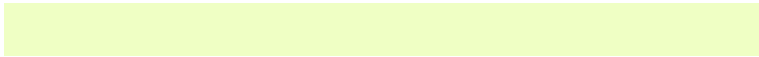
21.4041, 0.3127, 0.3290

Same Dimension

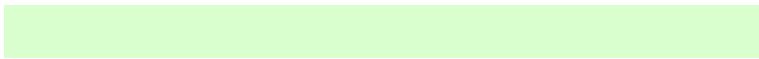
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9004, 0.3326, 0.3774



93.8929, 0.3370, 0.3887



90.9572, 0.3173, 0.3798



20.8289, 0.3227, 0.3528



42.8998, 0.3721, 0.5428



4.2309, 0.3777, 0.5383

Inverse Universe

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



67.0463, 0.2902, 0.2785



60.8893, 0.2843, 0.2660



71.0302, 0.3069, 0.2809



17.6156, 0.3021, 0.3047



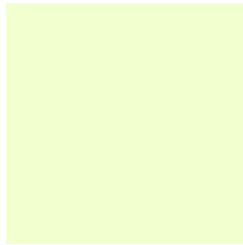
4.4970, 0.1666, 0.0691



0.4889, 0.1778, 0.0753

Previews

White Background



This preview shows how the Yxy color 94.9022, 0.3326, 0.3774 looks on a white background.

Color Contrast Check

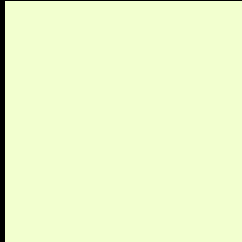
Large Text (above 18pt) WCAG AA × Fail

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 94.9022, 0.3326, 0.3774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

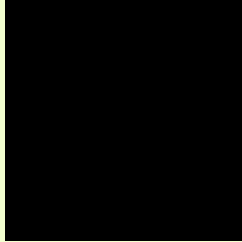
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

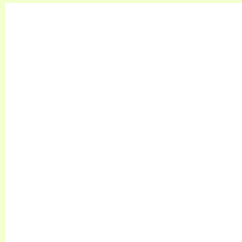
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.9022, 0.3326, 0.3774

Background



This preview shows how black text looks on a background with the Yxy color 94.9022, 0.3326, 0.3774.

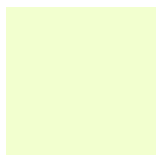


This preview shows how white text looks on a background with the Yxy color 94.9022, 0.3326, 0.3774.

Color Blindness Simulation

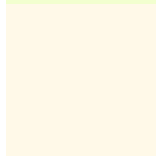
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



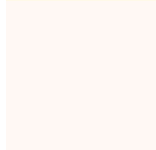
Original Color

94.9022, 0.3326, 0.3774



Protanopia

94.8376, 0.3268, 0.3456



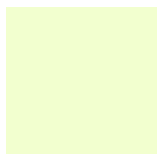
Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

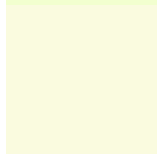
94.6788, 0.3099, 0.3223

Trichromacy



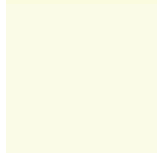
Original Color

94.9022, 0.3326, 0.3774



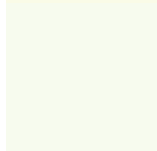
Protanomaly

94.6461, 0.3288, 0.3567



Deuteranomaly

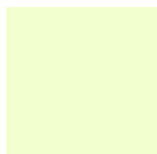
95.0879, 0.3239, 0.3486



Tritanomaly

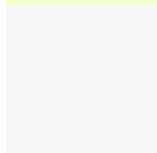
94.9416, 0.3178, 0.3418

Monochromacy



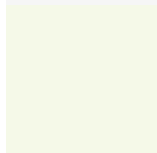
Original Color

94.9022, 0.3326, 0.3774



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

92.9900, 0.3203, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9022, 0.3326, 0.3774 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(242, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 207)  
}
```

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(242, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 207) }
```

Border

The CSS property to change the border of an element to Yxy 94.9022, 0.3326, 0.3774 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(242, 255, 207) }
```

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

```
.border{ border-color:rgb(242, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9022, 0.3326, 0.3774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 207) }
```

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

```
.background{ background-color: rgb(242,  
255, 207) }
```

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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