

Converting Colors

$Yxy(94.5346, 0.3422, 0.3725)$

Have a look what the booklet for
Yxy(94.5346, 0.3422, 0.3725)
contains.

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Color

Yxy(94.7594, 0.3419, 0.3723)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBCF
RGB	255, 251, 207
RGB Percent	100%, 98%, 81%
CMY	0.0000, 0.0158, 0.1882
CMYK	0.00, 0.02, 0.19, 0.00
HSL	55°, 100%, 91%
HSV	55°, 19%, 100%
XYZ	87.0219, 94.7594, 72.7430
YIQ	247.1800, 16.5080, -12.8360

Conversions

Conversions Part 2

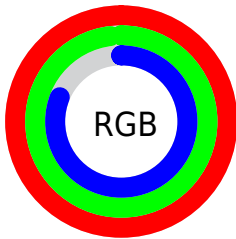
Format	Color
R_{YB}	211, 255, 207
Decimal	16776143
CIE _{Lab}	97.94, -5.60, 21.60
CIE _{LCh}	98, 22.317, 104.523
Yxy	94.7594, 0.3419, 0.3723
Android (android.graphics.Color)	4294966223 (0xFFFFFBCF)
YUV	247.1800, -19.8087, 6.8581
Hunter-Lab	97.3444, -10.7812, 23.8352

Details

The Yxy color **94.7594, 0.3419, 0.3723** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.0918, 0.2816, 0.2817**, and the grayscale version is **93.3116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.3359, 0.3474, 0.3816** is the 20% darker color. If you saturate the color by 10%, you get **92.2742, 0.3580, 0.3958**, and if you desaturate by 10%, it is **97.4401, 0.3261, 0.3490**.

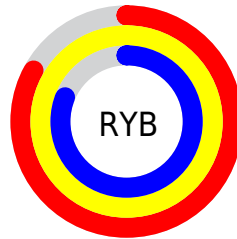
Distribution



Red (100%)

Green (98%)

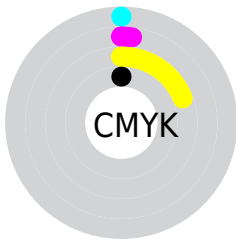
Blue (81%)



Red (83%)

Yellow (100%)

Blue (81%)

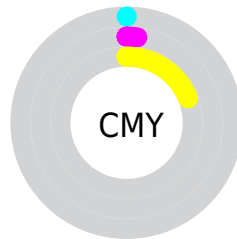


Cyan (0%)

Magenta (2%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.7594, 0.3419, 0.3723 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 94.7594, 0.3419, 0.3723 by changing the saturation by 10% instead.


 94.7594, 0.3419,
0.3723

 94.7594, 0.3419,
0.3723


543.3944, 0.3292,
0.3530

 71.9347, 0.3446,
0.3765


153.9322, 0.3376,
0.3658

 53.1054, 0.3479,
0.3816

191.0491, 0.3359,
0.3632

 37.8869, 0.3519,
0.3880


233.6988, 0.3344,
0.3609

 25.8949, 0.3569,
0.3960

282.2658, 0.3331,
0.3590

 16.7450, 0.3634,
0.4066

337.1345, 0.3320,
0.3572

 10.0529, 0.3718,
0.4209

398.6892, 0.3309,

 5.4340, 0.3833,

0.3557

0.4412

467.3144, 0.3300,
0.3543

■ 2.5041, 0.4015,
0.4749

■ 0.8787, 0.4429,
0.5571

■ 94.7594, 0.3419,
0.3723

■ 94.7594, 0.3419,
0.3723

■ 92.2742, 0.3580,
0.3958

■ 97.4401, 0.3261,
0.3490

■ 90.0063, 0.3740,
0.4186

100.0000, 0.3127,
0.3290

■ 87.9346, 0.3893,
0.4398

■ 86.0477, 0.4031,
0.4584

■ 84.3329, 0.4150,
0.4734

■ 82.7755, 0.4243,
0.4842

■ 81.3582, 0.4308,
0.4904

■ 80.0561, 0.4347,
0.4926

■ 79.9059, 0.4351,
0.4927

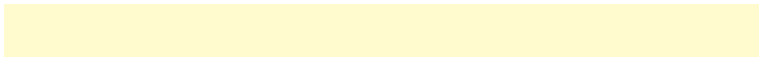
Harmonies

Analogous

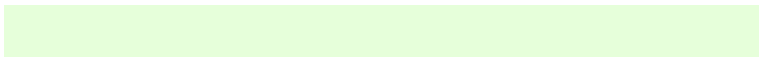
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7594, 0.3578, 0.3631



94.7594, 0.3419, 0.3723



94.7594, 0.3185, 0.3693

Triad

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



94.7594, 0.3419, 0.3723



94.7594, 0.2665, 0.3095



94.7594, 0.3304, 0.3056

Complementary

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



94.7594, 0.3419, 0.3723



67.0918, 0.2816, 0.2817

Split Complementary

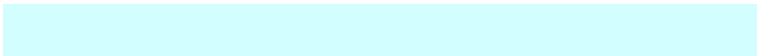
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.7594, 0.3054, 0.2924



94.7594, 0.3419, 0.3723



94.7594, 0.2692, 0.2938

Square

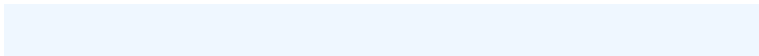
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



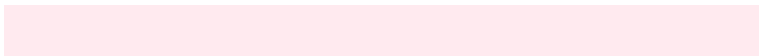
94.7594, 0.3419, 0.3723



94.7594, 0.2754, 0.3317



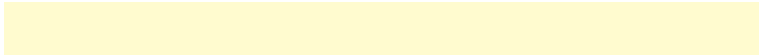
94.7594, 0.2832, 0.2880



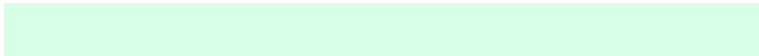
94.7594, 0.3511, 0.3247

Rectangle

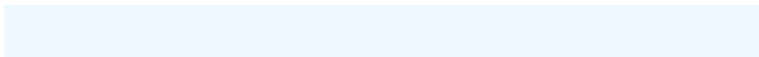
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.7594, 0.3419, 0.3723



94.7594, 0.3021, 0.3603



94.7594, 0.2832, 0.2880



94.7594, 0.3221, 0.3004

Sweetspot

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



94.7489, 0.3418, 0.3723



98.2388, 0.3217, 0.3425



70.6365, 0.3461, 0.3242



20.9872, 0.3227, 0.3440



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.



94.7489, 0.3418, 0.3723



93.6882, 0.3486, 0.3822



93.8253, 0.3285, 0.3780



20.8151, 0.3271, 0.3506



41.8610, 0.4348, 0.4929



4.1495, 0.4328, 0.4945

Inverse Universe

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



67.0918, 0.2816, 0.2817



60.8977, 0.2739, 0.2696



68.0550, 0.2945, 0.2791



17.6220, 0.2979, 0.3065



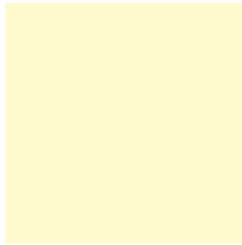
4.1436, 0.1515, 0.0653



0.4832, 0.1546, 0.0765

Previews

White Background



This preview shows how the Yxy color 94.7594, 0.3419, 0.3723 looks on a white background.

Color Contrast Check

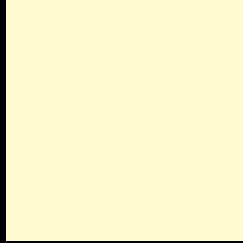
Large Text (above 18pt) WCAG AA × Fail

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 94.7594, 0.3419, 0.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

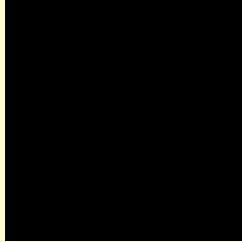
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.7594, 0.3419, 0.3723

Background



This preview shows how black text looks on a background with the Yxy color 94.7594, 0.3419, 0.3723.

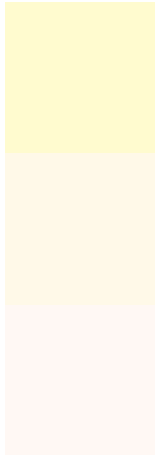


This preview shows how white text looks on a background with the Yxy color 94.7594, 0.3419, 0.3723.

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

94.7594, 0.3419, 0.3723

Protanopia

94.8376, 0.3268, 0.3456

Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

95.0015, 0.3131, 0.3214

Trichromacy



Original Color

94.7594, 0.3419, 0.3723



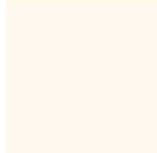
Protanomaly

94.9589, 0.3322, 0.3554



Deuteranomaly

94.7809, 0.3274, 0.3466



Tritanomaly

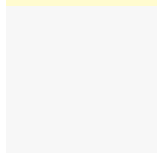
94.5678, 0.3232, 0.3387

Monochromacy



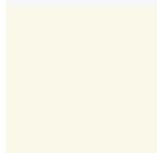
Original Color

94.7594, 0.3419, 0.3723



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.2850, 0.3236, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7594, 0.3419, 0.3723 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(255, 251, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 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(255, 251, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 207) }
```

Border

The CSS property to change the border of an element to Yxy 94.7594, 0.3419, 0.3723 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(255, 251, 207) }
```

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

```
.border{ border-color:rgb(255, 251, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7594, 0.3419, 0.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 207) }
```

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

```
.background{ background-color: rgb(255,  
251, 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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