

Converting Colors

$Y_{xy}(100.0000, 0.3492, 0.3540)$

Have a look what the booklet for
Yxy(100.0000, 0.3492, 0.3540)
contains.

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Color

Yxy(94.9589, 0.3322, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	FFFADF
RGB	255, 250, 223
RGB Percent	100%, 98%, 87%
CMY	0.0000, 0.0196, 0.1254
CMYK	0.00, 0.02, 0.13, 0.00
HSL	51°, 100%, 94%
HSV	51°, 13%, 100%
XYZ	88.7601, 94.9589, 83.4698
YIQ	248.4170, 11.6470, -7.3370

Conversions

Conversions Part 2

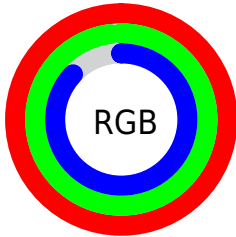
Format	Color
R _Y B	229, 255, 223
Decimal	16775903
CIE Lab	98.02, -2.73, 13.54
CIE LCh	98, 13.811, 101.399
Yxy	94.9589, 0.3322, 0.3554
Android (android.graphics.Color)	4294965983 (0xFFFFFADF)
YUV	248.4170, -12.5306, 5.7733
Hunter-Lab	97.4469, -7.9441, 17.4269

Details

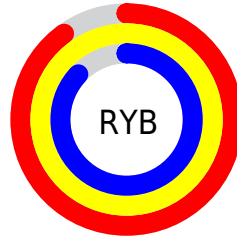
The Yxy color **94.9589, 0.3322, 0.3554** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78.4089, 0.2928, 0.3011**, and the grayscale version is **94.3207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.4165, 0.3359, 0.3614** is the 20% darker color. If you saturate the color by 10%, you get **91.2234, 0.3487, 0.3772**, and if you desaturate by 10%, it is **98.9424, 0.3165, 0.3342**.

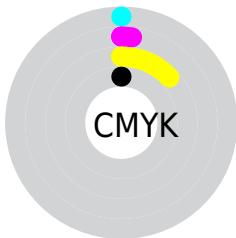
Distribution



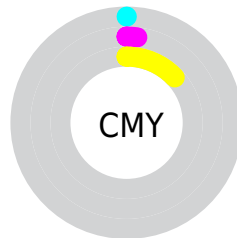
- Red (100%)
- Green (98%)
- Blue (87%)



- Red (90%)
- Yellow (100%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.9589, 0.3322, 0.3554 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 94.9589, 0.3322, 0.3554 by changing the saturation by 10% instead.


 94.9589, 0.3322,
0.3554

 94.9589, 0.3322,
0.3554


544.0334, 0.3236,
0.3437

 72.1008, 0.3341,
0.3580


154.2078, 0.3293,
0.3514

 53.2410, 0.3363,
0.3611


191.3674, 0.3282,
0.3499

 37.9952, 0.3391,
0.3649


234.0629, 0.3272,
0.3485

 25.9790, 0.3426,
0.3698

282.6788, 0.3263,
0.3473

 16.8079, 0.3471,
0.3762

337.5993, 0.3255,
0.3462

 10.0976, 0.3533,
0.3850

399.2090, 0.3248,

 5.4637, 0.3620,

0.3453

0.3978

467.8923, 0.3242,
0.3445

■ 2.5218, 0.3753,
0.4177

■ 0.8875, 0.4613,
0.5269

■ 94.9589, 0.3322,
0.3554

■ 94.9589, 0.3322,
0.3554

■ 91.2234, 0.3487,
0.3772

■ 98.9424, 0.3165,
0.3342

■ 87.7439, 0.3658,
0.3990

100.0000, 0.3127,
0.3290

■ 84.5044, 0.3829,
0.4200

■ 81.4936, 0.3995,
0.4393

■ 78.6995, 0.4148,
0.4557

■ 76.1082, 0.4281,
0.4684

■ 73.7042, 0.4387,
0.4767

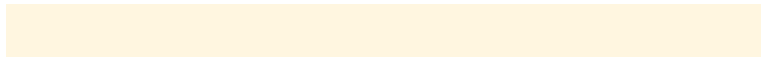
■ 71.4684, 0.4464,
0.4802

■ 69.8904, 0.4506,
0.4804

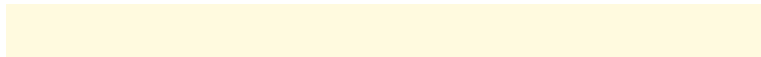
Harmonies

Analogous

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



94.9589, 0.3411, 0.3494



94.9589, 0.3322, 0.3554



94.9589, 0.3181, 0.3541

Triad

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



94.9589, 0.3322, 0.3554



94.9589, 0.2840, 0.3185



94.9589, 0.3222, 0.3133

Complementary

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



94.9589, 0.3322, 0.3554



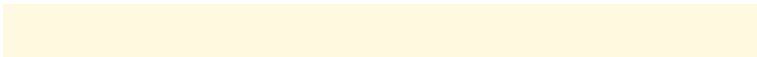
78.4089, 0.2928, 0.3011

Split Complementary

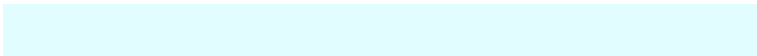
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.9589, 0.3067, 0.3054



94.9589, 0.3322, 0.3554



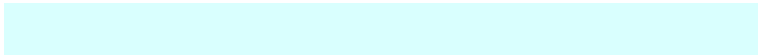
94.9589, 0.2850, 0.3080

Square

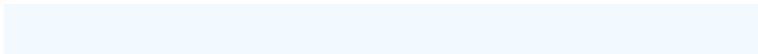
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.9589, 0.3322, 0.3554



94.9589, 0.2905, 0.3323



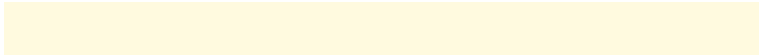
94.9589, 0.2932, 0.3034



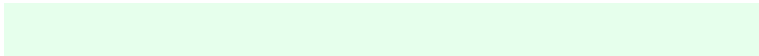
94.9589, 0.3353, 0.3252

Rectangle

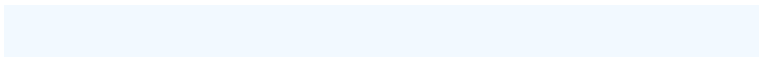
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.9589, 0.3322, 0.3554



94.9589, 0.3079, 0.3491



94.9589, 0.2932, 0.3034



94.9589, 0.3171, 0.3101

Sweetspot

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



94.9530, 0.3322, 0.3554



98.3452, 0.3187, 0.3373



79.6622, 0.3320, 0.3237



20.9843, 0.3199, 0.3388



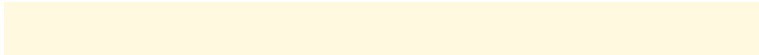
0.0000, 0.0000, 0.0000



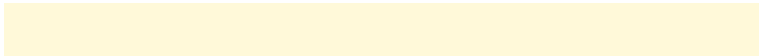
21.4041, 0.3127, 0.3290

Same Dimension

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



94.9530, 0.3322, 0.3554



94.0135, 0.3362, 0.3607



96.1418, 0.3246, 0.3608



20.5775, 0.3273, 0.3489



36.7012, 0.4500, 0.4809



3.6981, 0.4459, 0.4841

Inverse Universe

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



78.4089, 0.2928, 0.3011



74.5707, 0.2886, 0.2952



77.4391, 0.2997, 0.2965



17.8370, 0.2979, 0.3083



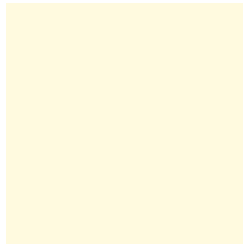
4.6990, 0.1536, 0.0729



0.5841, 0.1584, 0.0901

Previews

White Background



This preview shows how the Yxy color 94.9589, 0.3322, 0.3554 looks on a white background.

Color Contrast Check

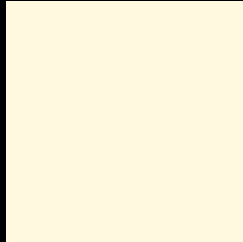
Large Text (above 18pt) WCAG AA × Fail

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 94.9589, 0.3322, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

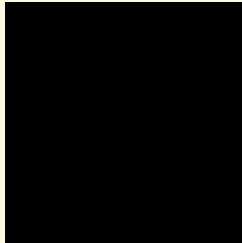
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.9589, 0.3322, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 94.9589, 0.3322, 0.3554.

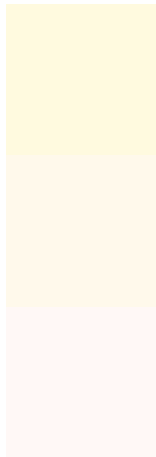


This preview shows how white text looks on a background with the Yxy color 94.9589, 0.3322, 0.3554.

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

94.9589, 0.3322, 0.3554

Protanopia

95.0095, 0.3250, 0.3426

Deuteranopia

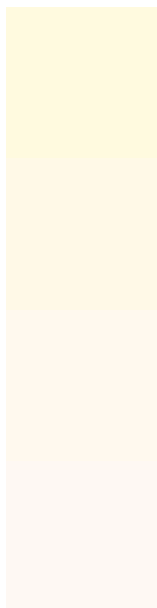
95.0486, 0.3184, 0.3309



Tritanopia

94.8124, 0.3124, 0.3213

Trichromacy



Original Color

94.9589, 0.3322, 0.3554

Protanomaly

94.7809, 0.3274, 0.3466

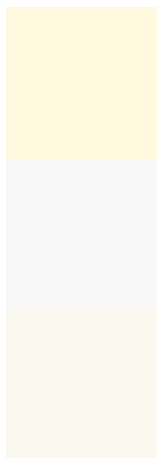
Deuteranomaly

95.1844, 0.3231, 0.3397

Tritanomaly

94.6767, 0.3195, 0.3339

Monochromacy



Original Color

94.9589, 0.3322, 0.3554

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.4926, 0.3199, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9589, 0.3322, 0.3554 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, 250, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 223)  
}
```

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, 250, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 223) }
```

Border

The CSS property to change the border of an element to Yxy 94.9589, 0.3322, 0.3554 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, 250, 223) }
```

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

```
.border{ border-color:rgb(255, 250, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9589, 0.3322, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 223) }
```

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

```
.background{ background-color: rgb(255,  
250, 223) }
```

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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