

# Converting Colors

$Yxy(93.8785, 0.3362, 0.3605)$

Have a look what the booklet for  
Yxy(93.8785, 0.3362, 0.3605)  
contains.

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# Color

**Yxy(94.0211, 0.3360, 0.3605)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF9D9
RGB	255, 249, 217
RGB Percent	100%, 98%, 85%
CMY	0.0001, 0.0235, 0.1491
CMYK	0.00, 0.02, 0.15, 0.00
HSL	51°, 100%, 93%
HSV	51°, 15%, 100%
XYZ	87.6313, 94.0211, 79.1551
YIQ	247.1460, 13.8480, -8.6800

# Conversions

## Conversions Part 2

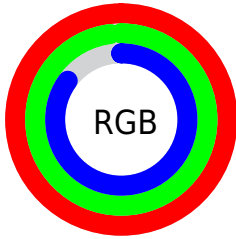
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 255, 217
Decimal	16775641
CIE <sub>Lab</sub>	97.64, -3.19, 16.10
CIE <sub>LCh</sub>	98, 16.411, 101.197
Yxy	94.0211, 0.3360, 0.3605
Android (android.graphics.Color)	4294965721 (0xFFFFF9D9)
YUV	247.1460, -14.8620, 6.8880
Hunter-Lab	96.9645, -8.3691, 19.4749

# Details

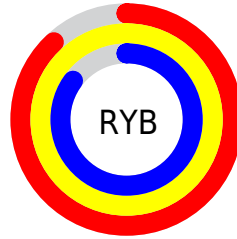
The Yxy color **94.0211, 0.3360, 0.3605** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.7084, 0.2888, 0.2954**, and the grayscale version is **93.2507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.7543, 0.3408, 0.3678** is the 20% darker color. If you saturate the color by 10%, you get **90.3517, 0.3527, 0.3823**, and if you desaturate by 10%, it is **97.9565, 0.3201, 0.3392**.

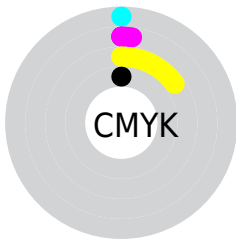
# Distribution



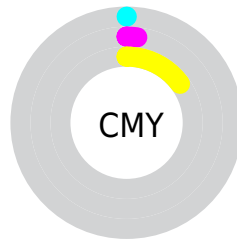
- Red (100%)
- Green (98%)
- Blue (85%)



- Red (88%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (15%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 94.0211, 0.3360, 0.3605 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 94.0211, 0.3360, 0.3605 by changing the saturation by 10% instead.



 94.0211, 0.3360,  
0.3605

 94.0211, 0.3360,  
0.3605


541.0264, 0.3258,  
0.3465

 71.3205, 0.3382,  
0.3636

152.9115, 0.3325,  
0.3558

 52.6038, 0.3409,  
0.3673


189.8701, 0.3312,  
0.3539

 37.4866, 0.3442,  
0.3719


232.3502, 0.3300,  
0.3522

 25.5844, 0.3484,  
0.3778

280.7362, 0.3289,  
0.3508

 16.5130, 0.3538,  
0.3855

335.4123, 0.3280,  
0.3495

 9.8879, 0.3610,  
0.3960

396.7632, 0.3272,

 5.3247, 0.3713,

0.3484

0.4112

465.1731, 0.3264,  
0.3474

■ 2.4390, 0.3866,  
0.4348

■ 0.8458, 0.4619,  
0.5381

■ 94.0211, 0.3360,  
0.3605

■ 94.0211, 0.3360,  
0.3605

■ 90.3517, 0.3527,  
0.3823

■ 97.9565, 0.3201,  
0.3392

■ 86.9261, 0.3698,  
0.4040

99.9962, 0.3127,  
0.3290

■ 83.7381, 0.3869,  
0.4247

■ 80.7762, 0.4033,  
0.4434

■ 78.0281, 0.4182,  
0.4590

■ 75.4795, 0.4309,  
0.4707

■ 73.1141, 0.4409,  
0.4779

■ 70.9120, 0.4479,  
0.4804

■ 69.8385, 0.4507,  
0.4804

# Harmonies

## Analogous

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



94.0211, 0.3467, 0.3532



94.0211, 0.3360, 0.3605



94.0211, 0.3192, 0.3591

# Triad

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



94.0211, 0.3360, 0.3605



94.0211, 0.2786, 0.3165



94.0211, 0.3238, 0.3102

# Complementary

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



94.0211, 0.3360, 0.3605



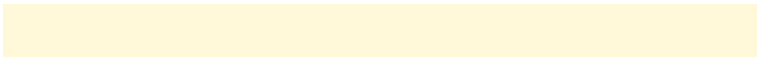
74.7084, 0.2888, 0.2954

# 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.



94.0211, 0.3054, 0.3010



94.0211, 0.3360, 0.3605



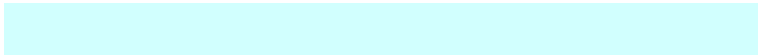
94.0211, 0.2797, 0.3041

# Square

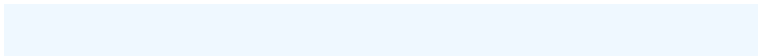
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.0211, 0.3360, 0.3605



94.0211, 0.2863, 0.3330



94.0211, 0.2894, 0.2986



94.0211, 0.3396, 0.3243

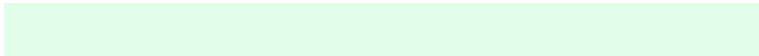


# Rectangle

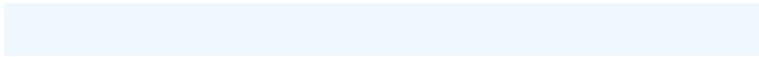
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.0211, 0.3360, 0.3605



94.0211, 0.3070, 0.3532



94.0211, 0.2894, 0.2986



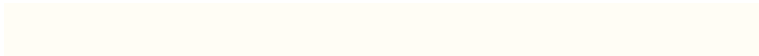
94.0211, 0.3177, 0.3065

# Sweetspot

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



94.0253, 0.3360, 0.3605



98.3433, 0.3187, 0.3373



76.2123, 0.3362, 0.3227



20.9838, 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.



94.0253, 0.3360, 0.3605



92.8781, 0.3411, 0.3672



95.4478, 0.3269, 0.3671



20.5765, 0.3273, 0.3489



36.6809, 0.4501, 0.4808



3.6963, 0.4460, 0.4841



# Inverse Universe

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



74.7084, 0.2888, 0.2954



70.0573, 0.2833, 0.2876



73.5943, 0.2970, 0.2900



17.8379, 0.2979, 0.3083



4.7019, 0.1536, 0.0730

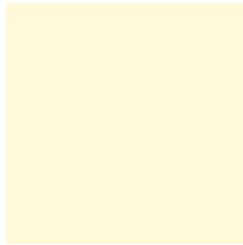


0.5845, 0.1584, 0.0902



# Previews

## White Background



This preview shows how the Yxy color 94.0211, 0.3360, 0.3605 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

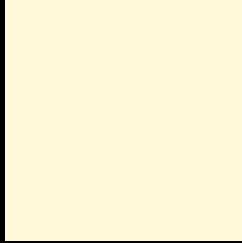
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 94.0211, 0.3360, 0.3605 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

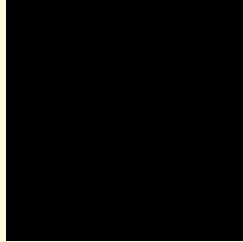
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 94.0211, 0.3360, 0.3605**

## **Background**



This preview shows how black text looks on a background with the Yxy color 94.0211, 0.3360, 0.3605.

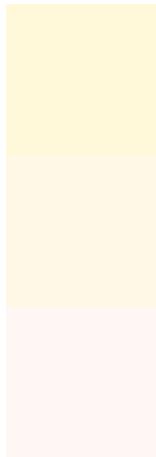


This preview shows how white text looks on a background with the Yxy color 94.0211, 0.3360, 0.3605.

# 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

94.0211, 0.3360, 0.3605

### Protanopia

94.1643, 0.3275, 0.3456

### Deuteranopia

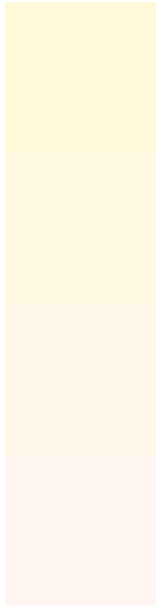
94.2526, 0.3203, 0.3329



## Tritanopia

93.7848, 0.3132, 0.3194

# Trichromacy



## Original Color

94.0211, 0.3360, 0.3605

## Protanomaly

93.8858, 0.3306, 0.3505

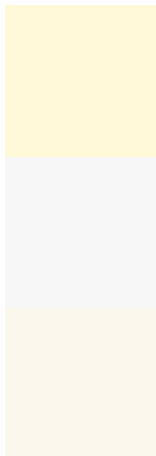
## Deuteranomaly

94.3353, 0.3257, 0.3426

## Tritanomaly

93.5224, 0.3216, 0.3339

# Monochromacy



## Original Color

94.0211, 0.3360, 0.3605

## Achromatopsia

93.0111, 0.3127, 0.3290

## Achromatomaly

93.5149, 0.3212, 0.3408

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 94.0211, 0.3360, 0.3605 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, 249, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 217)  
}
```

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, 249, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 217) }
```

## Border

The CSS property to change the border of an element to Yxy 94.0211, 0.3360, 0.3605 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, 249, 217) }
```

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

```
.border{ border-color:rgb(255, 249, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
217) }
```



# Background

The CSS property to change the background color of an element to Yxy 94.0211, 0.3360, 0.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 217) }
```

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

```
.background{ background-color: rgb(255,  
249, 217) }
```

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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