

# Converting Colors

$Yxy(94.2609, 0.3521, 0.3942)$

Have a look what the booklet for  
Yxy(94.2609, 0.3521, 0.3942)  
contains.

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# Color

**Yxy(93.9041, 0.3518, 0.3937)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCFCBB
RGB	252, 252, 187
RGB Percent	99%, 99%, 73%
CMY	0.0119, 0.0117, 0.2668
CMYK	0.00, 0.00, 0.26, 0.01
HSL	60°, 92%, 86%
HSV	60°, 26%, 99%
XYZ	83.9102, 93.9041, 60.7025
YIQ	244.5900, 20.8650, -20.2150

# Conversions

## Conversions Part 2

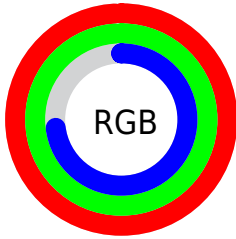
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 252, 187
Decimal	16579771
CIELab	97.59, -9.97, 31.24
CIELCh	98, 32.797, 107.700
Yxy	93.9041, 0.3518, 0.3937
Android (android.graphics.Color)	4294769851 (0xFFFCFCBB)
YUV	244.5900, -28.3919, 6.4986
Hunter-Lab	96.9041, -15.0173, 30.6925

# Details

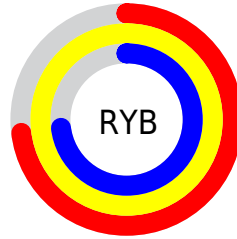
The Yxy color **93.9041, 0.3518, 0.3937** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.1313, 0.2680, 0.2549**, and the grayscale version is **91.1801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **52.7754, 0.3598, 0.4085** is the 20% darker color. If you saturate the color by 10%, you get **92.9171, 0.3667, 0.4184**, and if you desaturate by 10%, it is **95.0889, 0.3365, 0.3684**.

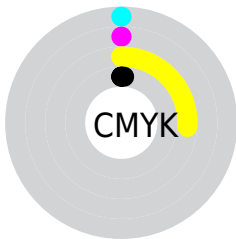
# Distribution



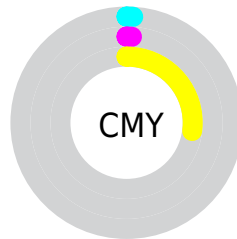
- Red (99%)
- Green (99%)
- Blue (73%)



- Red (73%)
- Yellow (99%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)
- Black (1%)




- Cyan (1%)
- Magenta (1%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 93.9041, 0.3518, 0.3937 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 93.9041, 0.3518, 0.3937 by changing the saturation by 10% instead.




 93.9041, 0.3518,  
0.3937

 93.9041, 0.3518,  
0.3937


540.6506, 0.3350,  
0.3647

 71.2232, 0.3553,  
0.4000


 152.7497, 0.3462,  
0.3839

 52.5244, 0.3595,  
0.4077

189.6832, 0.3440,  
0.3800

 37.4232, 0.3645,  
0.4172


232.1363, 0.3420,  
0.3766

 25.5353, 0.3707,  
0.4292

280.4935, 0.3403,  
0.3736

 16.4763, 0.3782,  
0.4447

335.1391, 0.3387,  
0.3710

 9.8618, 0.3876,  
0.4655

396.4576, 0.3374,

 5.3075, 0.3987,

0.3687

0.4940

464.8333, 0.3361,  
0.3666

■ 2.4288, 0.4342,  
0.5658

■ 0.8406, 0.3979,  
0.6021

■ 93.9041, 0.3518,  
0.3937

■ 93.9041, 0.3518,  
0.3937

■ 92.9171, 0.3667,  
0.4184

■ 95.0889, 0.3365,  
0.3684

■ 92.1055, 0.3807,  
0.4415

■ 96.4681, 0.3213,  
0.3432

■ 91.4625, 0.3930,  
0.4620

■ 97.5562, 0.3110,  
0.3261

■ 90.9763, 0.4033,  
0.4790

■ 97.5612, 0.3110,  
0.3261

90.6333, 0.4110,  
0.4918

97.5661, 0.3110,  
0.3261

90.4177, 0.4160,  
0.5002

97.5711, 0.3110,  
0.3261

90.3100, 0.4186,  
0.5044

97.5760, 0.3111,  
0.3261

90.2848, 0.4191,  
0.5054

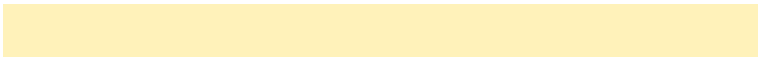
97.5810, 0.3111,  
0.3262

97.5859, 0.3111,  
0.3262

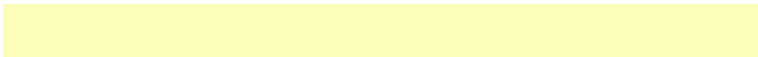
# Harmonies

## Analogous

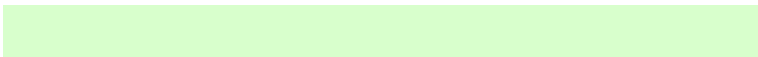
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9041, 0.3773, 0.3804



93.9041, 0.3518, 0.3937



93.9041, 0.3167, 0.3881

# Triad

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



93.9041, 0.3518, 0.3937



93.9041, 0.2454, 0.2965



93.9041, 0.3422, 0.2977

# Complementary

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



93.9041, 0.3518, 0.3937



53.1313, 0.2680, 0.2549

# 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.



93.9041, 0.3053, 0.2779



93.9041, 0.3518, 0.3937



93.9041, 0.2511, 0.2758

# Square

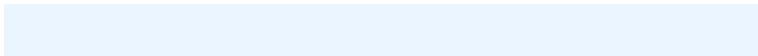
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.9041, 0.3518, 0.3937



93.9041, 0.2562, 0.3286



93.9041, 0.2724, 0.2697



93.9041, 0.3721, 0.3252

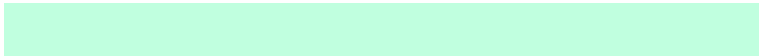


# Rectangle

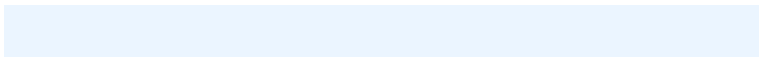
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.9041, 0.3518, 0.3937



93.9041, 0.2929, 0.3733



93.9041, 0.2724, 0.2697



93.9041, 0.3301, 0.2900

# Sweetspot

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



93.9083, 0.3518, 0.3937



98.7510, 0.3246, 0.3487



59.8175, 0.3681, 0.3292



21.0898, 0.3269, 0.3525



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

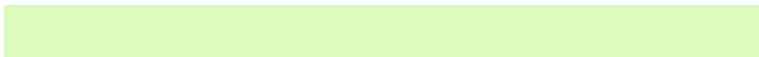
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.9083, 0.3518, 0.3937



95.8969, 0.3597, 0.4067



88.3592, 0.3299, 0.3985



20.1898, 0.3269, 0.3524



47.0215, 0.4191, 0.5054



4.3553, 0.4192, 0.5054



# Inverse Universe

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



53.1313, 0.2680, 0.2549



47.4850, 0.2574, 0.2374



57.6985, 0.2911, 0.2596



16.6439, 0.2979, 0.3045



3.6624, 0.1500, 0.0600

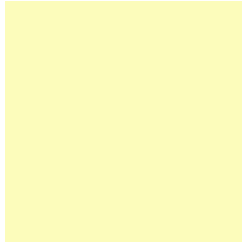


0.3395, 0.1501, 0.0601



# Previews

## White Background



This preview shows how the Yxy color 93.9041, 0.3518, 0.3937 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

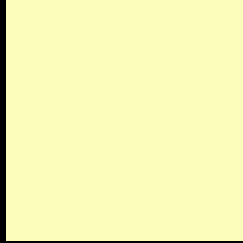
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 93.9041, 0.3518, 0.3937 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

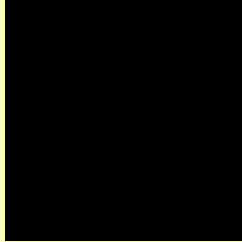
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 93.9041, 0.3518, 0.3937**

## **Background**



This preview shows how black text looks on a background with the Yxy color 93.9041, 0.3518, 0.3937.

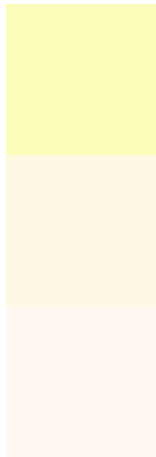


This preview shows how white text looks on a background with the Yxy color 93.9041, 0.3518, 0.3937.

# 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

93.9041, 0.3518, 0.3937

### Protanopia

93.8858, 0.3306, 0.3505

### Deuteranopia

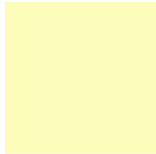
94.0728, 0.3221, 0.3358



## Tritanopia

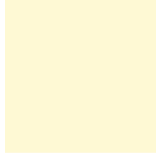
93.7848, 0.3132, 0.3194

# Trichromacy



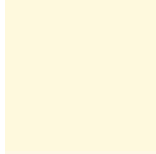
## Original Color

93.9041, 0.3518, 0.3937



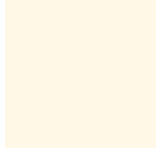
## Protanomaly

93.5757, 0.3384, 0.3655



## Deuteranomaly

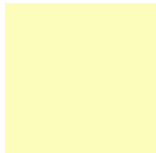
94.0427, 0.3329, 0.3565



## Tritanomaly

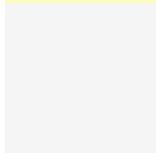
93.9188, 0.3274, 0.3466

# Monochromacy



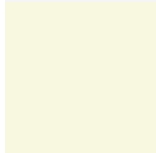
## Original Color

93.9041, 0.3518, 0.3937



## Achromatopsia

91.3099, 0.3127, 0.3290



## Achromatomaly

92.4731, 0.3272, 0.3529

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 93.9041, 0.3518, 0.3937 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(252, 252, 187)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 187)  
}
```

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(252, 252, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 187) }
```

## Border

The CSS property to change the border of an element to Yxy 93.9041, 0.3518, 0.3937 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(252, 252, 187) }
```

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

```
.border{ border-color:rgb(252, 252, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 252, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 252, 187); box-shadow:4px 4px 4px 4px rgb(252, 252, 187) }
```



# Background

The CSS property to change the background color of an element to Yxy 93.9041, 0.3518, 0.3937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 187) }
```

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

```
.background{ background-color: rgb(252,  
252, 187) }
```

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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