

# Converting Colors

$Yxy(92.5992, 0.3546, 0.3905)$

Have a look what the booklet for  
Yxy(92.5992, 0.3546, 0.3905)  
contains.

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# **Color**

**Yxy(92.5992, 0.3546, 0.3905)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF9BB
RGB	255, 249, 187
RGB Percent	100%, 98%, 73%
CMY	0.0000, 0.0235, 0.2667
CMYK	0.00, 0.02, 0.27, 0.00
HSL	55°, 100%, 87%
HSV	55°, 27%, 100%
XYZ	84.0862, 92.5992, 60.4444
YIQ	243.7260, 23.4780, -18.0100

# Conversions

## Conversions Part 2

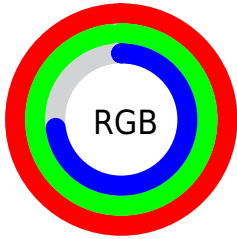
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 255, 187
Decimal	16775611
CIELab	97.06, -7.36, 30.57
CIELCh	97, 31.440, 103.534
Yxy	92.5992, 0.3546, 0.3905
Android (android.graphics.Color)	4294965691 (0xFFFFF9BB)
YUV	243.7260, -27.9659, 9.8873
Hunter-Lab	96.2285, -12.4232, 30.1179

# Details

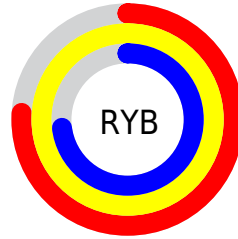
The Yxy color **92.5992, 0.3546, 0.3905** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.9128, 0.2668, 0.2590**, and the grayscale version is **90.4501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **51.8392, 0.3635, 0.4044** is the 20% darker color. If you saturate the color by 10%, you get **90.2234, 0.3707, 0.4135**, and if you desaturate by 10%, it is **95.1901, 0.3384, 0.3671**.

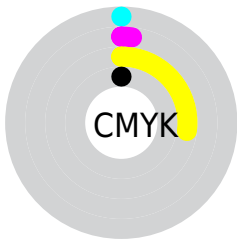
# Distribution



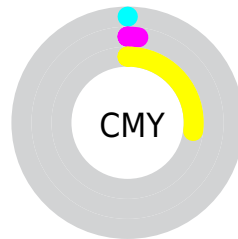
- Red (100%)
- Green (98%)
- Blue (73%)



- Red (76%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (27%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.5992, 0.3546, 0.3905 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 92.5992, 0.3546, 0.3905 by changing the saturation by 10% instead.



 92.5992, 0.3546,  
0.3905

 92.5992, 0.3546,  
0.3905

536.4502, 0.3364,  
0.3630

 70.1384, 0.3584,  
0.3965


 150.9436, 0.3485,  
0.3812

 51.6394, 0.3630,  
0.4038


187.5960, 0.3461,  
0.3775

 36.7177, 0.3686,  
0.4127


229.7477, 0.3440,  
0.3743

 24.9890, 0.3754,  
0.4240

277.7832, 0.3421,  
0.3715

 16.0689, 0.3840,  
0.4386

332.0868, 0.3405,  
0.3690

 9.5729, 0.3947,  
0.4580


393.0429, 0.3390,


 5.1167, 0.4080,


0.3668


0.4846


461.0359, 0.3376,  
0.3648


 2.3159, 0.4477,  
0.5523


 0.7821, 0.4189,  
0.5811


 92.5992, 0.3546,  
0.3905


 92.5992, 0.3546,  
0.3905

 90.2234, 0.3707,  
0.4135


 95.1901, 0.3384,  
0.3671

 88.0456, 0.3863,  
0.4350

 97.9988, 0.3228,  
0.3440

 86.0567, 0.4007,  
0.4542

100.0000, 0.3127,  
0.3290

 84.2443, 0.4131,  
0.4700

■ 82.5942, 0.4231,  
0.4817

■ 81.0898, 0.4304,  
0.4889

■ 79.7103, 0.4349,  
0.4917

■ 79.2687, 0.4360,  
0.4920

# Harmonies

## Analogous

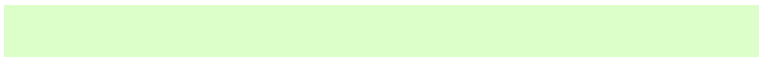
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5992, 0.3771, 0.3758



92.5992, 0.3546, 0.3905



92.5992, 0.3215, 0.3877

# Triad

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



92.5992, 0.3546, 0.3905



92.5992, 0.2482, 0.3015



92.5992, 0.3364, 0.2956

# Complementary

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



92.5992, 0.3546, 0.3905



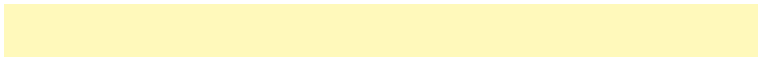
55.9128, 0.2668, 0.2590

# 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.



92.5992, 0.3008, 0.2778



92.5992, 0.3546, 0.3905



92.5992, 0.2515, 0.2797

# Square

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



92.5992, 0.3546, 0.3905



92.5992, 0.2609, 0.3334



92.5992, 0.2702, 0.2718



92.5992, 0.3667, 0.3215

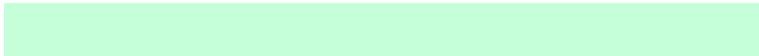


# Rectangle

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



92.5992, 0.3546, 0.3905



92.5992, 0.2983, 0.3751



92.5992, 0.2702, 0.2718



92.5992, 0.3246, 0.2885

# Sweetspot

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



92.6015, 0.3546, 0.3905



97.6132, 0.3248, 0.3470



60.6787, 0.3648, 0.3221



20.8007, 0.3271, 0.3505



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

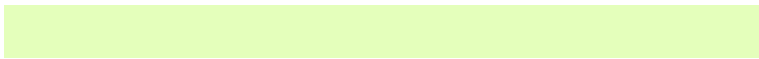
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6015, 0.3546, 0.3905



91.3092, 0.3632, 0.4028



91.5673, 0.3349, 0.4001



20.8007, 0.3271, 0.3505



41.5330, 0.4357, 0.4923



4.1210, 0.4336, 0.4939



# Inverse Universe

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



55.9128, 0.2668, 0.2590



49.0321, 0.2563, 0.2425



57.0780, 0.2853, 0.2560



17.6350, 0.2979, 0.3066



4.1691, 0.1516, 0.0656



0.4893, 0.1548, 0.0774



# Previews

## White Background



This preview shows how the Yxy color 92.5992, 0.3546, 0.3905 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

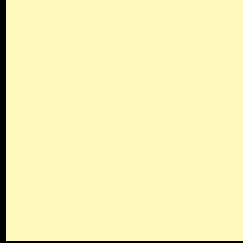
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 92.5992, 0.3546, 0.3905 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

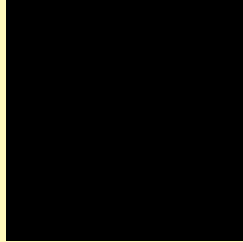
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 92.5992, 0.3546, 0.3905**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.5992, 0.3546, 0.3905.

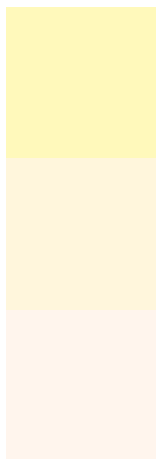


This preview shows how white text looks on a background with the Yxy color 92.5992, 0.3546, 0.3905.

# 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

92.5992, 0.3546, 0.3905

### Protanopia

92.3388, 0.3345, 0.3546

### Deuteranopia

92.6792, 0.3241, 0.3368



## Tritanopia

92.3895, 0.3151, 0.3204

# Trichromacy



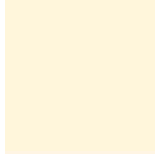
## Original Color

92.5992, 0.3546, 0.3905



## Protanomaly

92.3356, 0.3419, 0.3676



## Deuteranomaly

92.2860, 0.3352, 0.3556



## Tritanomaly

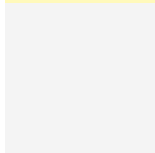
92.1663, 0.3297, 0.3457

# Monochromacy



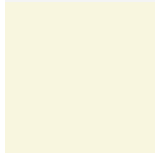
## Original Color

92.5992, 0.3546, 0.3905



## Achromatopsia

90.4661, 0.3127, 0.3290



## Achromatomaly

91.1957, 0.3280, 0.3519

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.5992, 0.3546, 0.3905 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 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(255, 249, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 187) }
```

## Border

The CSS property to change the border of an element to Yxy 92.5992, 0.3546, 0.3905 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, 187) }
```

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

```
.border{ border-color:rgb(255, 249, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
187) }
```



# Background

The CSS property to change the background color of an element to  $\text{Yxy } 92.5992, 0.3546, 0.3905$  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, 187) }
```

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

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