

# Converting Colors

Yxy(93.4537, 0.3299, 0.3516)

Have a look what the booklet for  
Yxy(93.4537, 0.3299, 0.3516)  
contains.

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# Color

**Yxy(93.4537, 0.3299, 0.3516)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDF8E1
RGB	253, 248, 225
RGB Percent	99%, 97%, 88%
CMY	0.0076, 0.0275, 0.1176
CMYK	0.00, 0.02, 0.11, 0.01
HSL	49°, 88%, 94%
HSV	49°, 11%, 99%
XYZ	87.6859, 93.4537, 84.6559
YIQ	246.8730, 10.3630, -6.0930

# Conversions

## Conversions Part 2

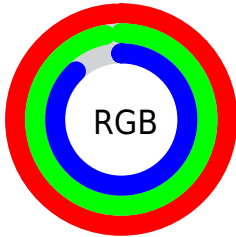
Format	Color
RYB	231, 253, 225
Decimal	16644321
CIELab	97.41, -2.10, 11.63
CIELCh	97, 11.819, 100.227
Yxy	93.4537, 0.3299, 0.3516
Android (android.graphics.Color)	4294834401 (0xFFFD8E1)
YUV	246.8730, -10.7834, 5.3734
Hunter-Lab	96.6715, -7.2664, 15.7493

# Details

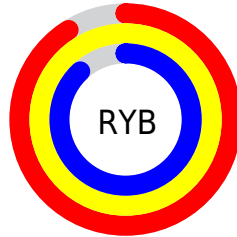
The Yxy color **93.4537, 0.3299, 0.3516** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.7529, 0.2953, 0.3053**, and the grayscale version is **92.9966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.3373, 0.3330, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **89.3906, 0.3465, 0.3727**, and if you desaturate by 10%, it is **97.7989, 0.3143, 0.3312**.

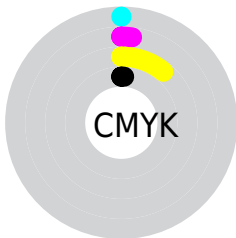
# Distribution



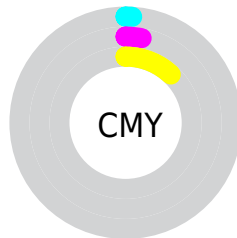
- Red (99%)
- Green (97%)
- Blue (88%)



- Red (91%)
- Yellow (99%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (1%)




- Cyan (1%)
- Magenta (3%)
- Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 93.4537, 0.3299, 0.3516 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 93.4537, 0.3299, 0.3516 by changing the saturation by 10% instead.




 93.4537, 0.3299,  
0.3516

 93.4537, 0.3299,  
0.3516

539.2027, 0.3223,  
0.3416

 70.8487, 0.3315,  
0.3538

152.1266, 0.3273,  
0.3482

 52.2187, 0.3335,  
0.3565


188.9632, 0.3263,  
0.3468

 37.1794, 0.3360,  
0.3598


231.3125, 0.3254,  
0.3457

 25.3464, 0.3392,  
0.3640

279.5589, 0.3247,  
0.3447

 16.3354, 0.3433,  
0.3696

334.0867, 0.3240,  
0.3437

 9.7618, 0.3488,  
0.3772

395.2803, 0.3234,

 5.2413, 0.3569,

0.3429

0.3884

463.5242, 0.3228,  
0.3422

■ 2.3895, 0.3693,  
0.4060

■ 0.8205, 0.4472,  
0.5036

■ 93.4537, 0.3299,  
0.3516

■ 93.4537, 0.3299,  
0.3516

■ 89.3906, 0.3465,  
0.3727

■ 97.7989, 0.3143,  
0.3312

■ 85.5878, 0.3638,  
0.3940

■ 99.6362, 0.3115,  
0.3290

■ 82.0392, 0.3814,  
0.4147

■ 78.7341, 0.3987,  
0.4339

■ 75.6602, 0.4150,  
0.4505

■ 72.8044, 0.4294,  
0.4635

■ 70.1513, 0.4414,  
0.4721

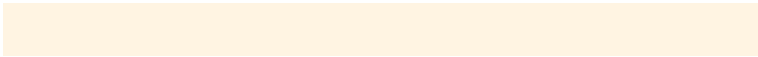
■ 67.6826, 0.4504,  
0.4759

■ 65.6132, 0.4562,  
0.4760

# Harmonies

## Analogous

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



93.4537, 0.3373, 0.3463



93.4537, 0.3299, 0.3516



93.4537, 0.3179, 0.3507

# Triad

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



93.4537, 0.3299, 0.3516



93.4537, 0.2881, 0.3205



93.4537, 0.3204, 0.3151

# Complementary

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



93.4537, 0.3299, 0.3516



79.7529, 0.2953, 0.3053

# Split Complementary

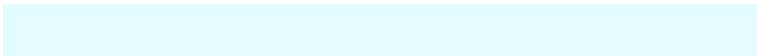
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.4537, 0.3071, 0.3084



93.4537, 0.3299, 0.3516



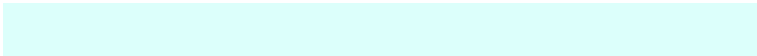
93.4537, 0.2886, 0.3113

# Square

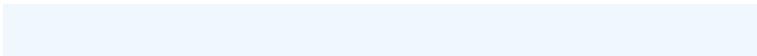
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.4537, 0.3299, 0.3516



93.4537, 0.2939, 0.3324



93.4537, 0.2955, 0.3070



93.4537, 0.3318, 0.3253



# Rectangle

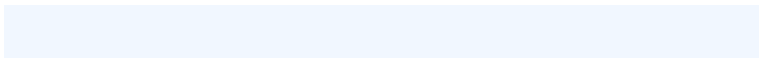
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.4537, 0.3299, 0.3516



93.4537, 0.3091, 0.3466



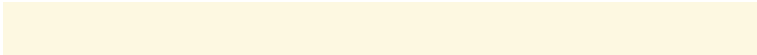
93.4537, 0.2955, 0.3070



93.4537, 0.3160, 0.3124

# Sweetspot

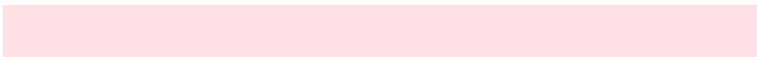
The Sweet Spot groups the original color and five complimentary colors.



93.4578, 0.3299, 0.3516



98.6353, 0.3172, 0.3350



80.4731, 0.3291, 0.3239



21.0349, 0.3185, 0.3366



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.



93.4578, 0.3299, 0.3516



94.2709, 0.3330, 0.3556



94.9990, 0.3235, 0.3569



20.4975, 0.3274, 0.3483



35.0793, 0.4555, 0.4765



3.5548, 0.4506, 0.4804



# Inverse Universe

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



79.7529, 0.2953, 0.3053



78.1359, 0.2920, 0.3009



78.4263, 0.3010, 0.3005



17.9102, 0.2979, 0.3089



4.9556, 0.1546, 0.0764

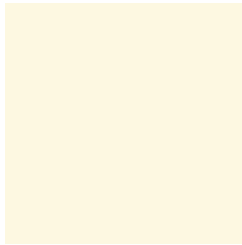


0.6197, 0.1597, 0.0947



# Previews

## White Background



This preview shows how the Yxy color 93.4537, 0.3299, 0.3516 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

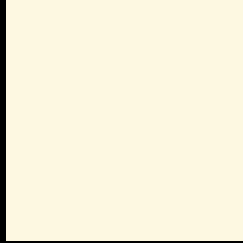
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 93.4537, 0.3299, 0.3516 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

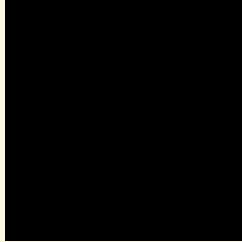
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 93.4537, 0.3299, 0.3516**

## **Background**



This preview shows how black text looks on a background with the Yxy color 93.4537, 0.3299, 0.3516.



This preview shows how white text looks on a background with the Yxy color 93.4537, 0.3299, 0.3516.

# 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

93.4537, 0.3299, 0.3516

### Protanopia

93.4947, 0.3282, 0.3456

### Deuteranopia

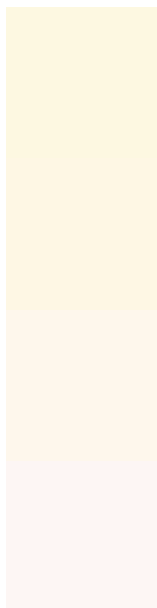
93.6426, 0.3203, 0.3319



## Tritanopia

93.4075, 0.3119, 0.3194

# Trichromacy



## Original Color

93.4537, 0.3299, 0.3516

## Protanomaly

93.1938, 0.3288, 0.3476

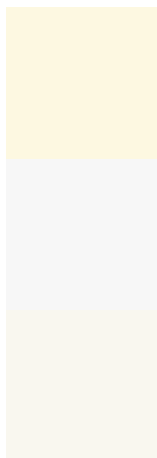
## Deuteranomaly

93.6485, 0.3239, 0.3397

## Tritanomaly

93.3258, 0.3184, 0.3310

# Monochromacy



## Original Color

93.4537, 0.3299, 0.3516

## Achromatopsia

93.0111, 0.3127, 0.3290

## Achromatomaly

92.8933, 0.3188, 0.3369

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 93.4537, 0.3299, 0.3516 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(253, 248, 225)` looks like.

```
.text, #text, p{  
    color:rgb(253, 248, 225)  
}
```

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(253, 248, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 248, 225) }
```

## Border

The CSS property to change the border of an element to Yxy 93.4537, 0.3299, 0.3516 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(253, 248, 225) }
```

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

```
.border{ border-color:rgb(253, 248, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 248, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 248, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 248, 225);  
box-shadow:4px 4px 4px 4px rgb(253, 248,  
225) }
```



# Background

The CSS property to change the background color of an element to Yxy 93.4537, 0.3299, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 248, 225) }
```

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

```
.background{ background-color: rgb(253,  
248, 225) }
```

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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