

# Converting Colors

Yxy(93.5413, 0.3143, 0.3211)

Have a look what the booklet for  
Yxy(93.5413, 0.3143, 0.3211)  
contains.

<b>Yxy(93.6567, 0.3144, 0.3213)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(93.6567, 0.3144, 0.3213)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF5FD
RGB	255, 245, 253
RGB Percent	100%, 96%, 99%
CMY	0.0000, 0.0393, 0.0078
CMYK	0.00, 0.04, 0.01, 0.00
HSL	312°, 100%, 98%
HSV	312°, 4%, 100%
XYZ	91.6454, 93.6567, 106.1909
YIQ	248.9020, 3.3920, 4.6080

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	255, 245, 253
Decimal	16774653
CIE Lab	97.49, 4.77, -2.66
CIE LCh	97, 5.458, 330.841
Yxy	93.6567, 0.3144, 0.3213
Android (android.graphics.Color)	4294964733 (0xFFFFF5FD)
YUV	248.9020, 2.0203, 5.3479
Hunter-Lab	96.7764, -0.3226, 2.6857

# Details

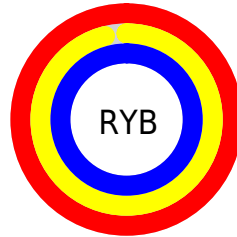
The Yxy color 93.6567, 0.3144, 0.3213 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.6418, 0.3111, 0.3368, and the grayscale version is 94.6186, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.3865, 0.3148, 0.3205 is the 20% darker color. If you saturate the color by 10%, you get 78.9499, 0.3190, 0.3011, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

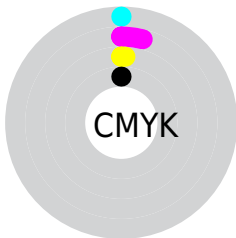
# Distribution



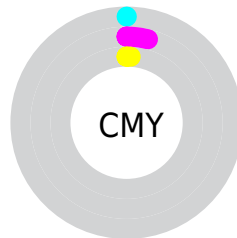
- Red (100%)
- Green (96%)
- Blue (99%)



- Red (100%)
- Yellow (96%)
- Blue (99%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (0%)




- Cyan (0%)
- Magenta (4%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 93.6567, 0.3144, 0.3213 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 93.6567, 0.3144, 0.3213 by changing the saturation by 10% instead.



 93.6567, 0.3144,  
0.3213

 93.6567, 0.3144,  
0.3213


539.8556, 0.3137,  
0.3247

 71.0175, 0.3146,  
0.3206


152.4075, 0.3142,  
0.3224

 52.3564, 0.3147,  
0.3197


189.2878, 0.3141,  
0.3229

 37.2893, 0.3150,  
0.3186

231.6839, 0.3140,  
0.3233

 25.4315, 0.3153,  
0.3172


279.9803, 0.3139,  
0.3236

 16.3989, 0.3157,  
0.3153

334.5612, 0.3138,  
0.3240

 9.8068, 0.3162,  
0.3129

395.8111, 0.3138,

 5.2711, 0.3169,

0.3242

0.3092

464.1144, 0.3137,  
0.3245

■ 2.4072, 0.3181,  
0.3036

■ 0.8296, 0.3202,  
0.2931

■ 93.6567, 0.3144,  
0.3213

■ 93.6567, 0.3144,  
0.3213

■ 78.9499, 0.3190,  
0.3011

100.0000, 0.3127,  
0.3290

■ 66.3021, 0.3243,  
0.2803

■ 55.6100, 0.3303,  
0.2596

■ 46.7742, 0.3370,  
0.2398

■ 39.6863, 0.3443,  
0.2217

■ 34.2268, 0.3520,  
0.2065

■ 30.2612, 0.3599,  
0.1950

■ 27.6335, 0.3677,  
0.1881

■ 26.1529, 0.3752,  
0.1860

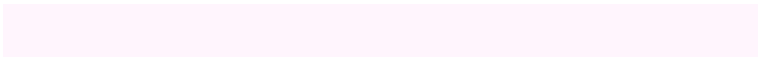
# Harmonies

## Analogous

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



93.6567, 0.3083, 0.3189



93.6567, 0.3144, 0.3213



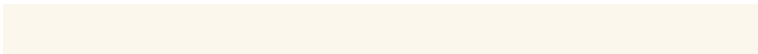
93.6567, 0.3201, 0.3257

# Triad

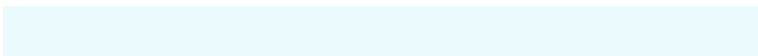
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.6567, 0.3144, 0.3213



93.6567, 0.3220, 0.3390



93.6567, 0.3018, 0.3268

# Complementary

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



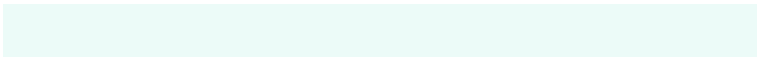
93.6567, 0.3144, 0.3213



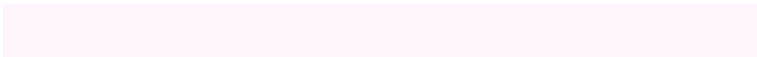
97.6418, 0.3111, 0.3368

# 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.



93.6567, 0.3054, 0.3323



93.6567, 0.3144, 0.3213



93.6567, 0.3170, 0.3394

# Square

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



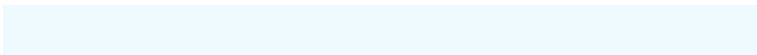
93.6567, 0.3144, 0.3213



93.6567, 0.3245, 0.3359



93.6567, 0.3110, 0.3369



93.6567, 0.3011, 0.3220

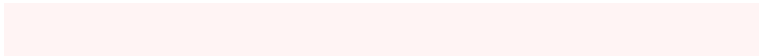


# Rectangle

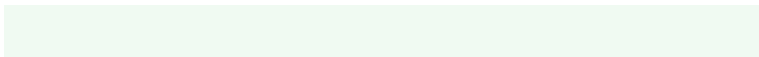
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



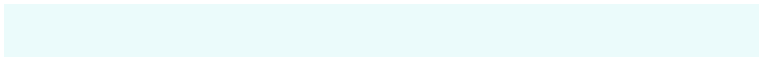
93.6567, 0.3144, 0.3213



93.6567, 0.3228, 0.3292



93.6567, 0.3110, 0.3369



93.6567, 0.3027, 0.3287

# Sweetspot

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



93.6458, 0.3143, 0.3213



98.3514, 0.3131, 0.3271



92.2536, 0.3080, 0.3193



21.0686, 0.3131, 0.3272



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.



93.6458, 0.3143, 0.3213



91.9719, 0.3148, 0.3192



93.3395, 0.3173, 0.3260



19.4535, 0.3151, 0.3178



13.4237, 0.3784, 0.1858



1.3220, 0.3706, 0.1815



# Inverse Universe

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



93.6458, 0.3143, 0.3213



91.9719, 0.3148, 0.3192



97.9462, 0.3084, 0.3321



19.4535, 0.3151, 0.3178



13.4237, 0.3784, 0.1858

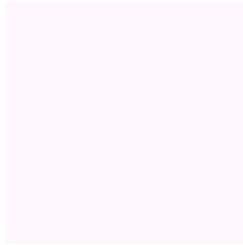


1.3220, 0.3706, 0.1815



# Previews

## White Background



This preview shows how the Yxy color 93.6567, 0.3144, 0.3213 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

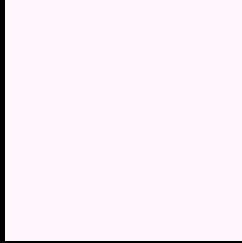
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 93.6567, 0.3144, 0.3213 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 93.6567, 0.3144, 0.3213**

## **Background**



This preview shows how black text looks on a background with the Yxy color 93.6567, 0.3144, 0.3213.



This preview shows how white text looks on a background with the Yxy color 93.6567, 0.3144, 0.3213.

# 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**

93.6567, 0.3144, 0.3213

**Protanopia**

93.3913, 0.3105, 0.3213

**Deuteranopia**

93.4669, 0.3162, 0.3242

## Tritanopia

93.8270, 0.3112, 0.3203

# Trichromacy



**Original Color**

93.6567, 0.3144, 0.3213

**Protanomaly**

93.7627, 0.3118, 0.3213

**Deuteranomaly**

93.5299, 0.3156, 0.3232

**Tritanomaly**

93.9499, 0.3124, 0.3213

# Monochromacy



**Original Color**

93.6567, 0.3144, 0.3213

**Achromatopsia**

94.7307, 0.3127, 0.3290

**Achromatomaly**

94.5462, 0.3134, 0.3271

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 93.6567, 0.3144, 0.3213 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, 245, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 253)  
}
```

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, 245, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 253) }
```

## Border

The CSS property to change the border of an element to Yxy 93.6567, 0.3144, 0.3213 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, 245, 253) }
```

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

```
.border{ border-color:rgb(255, 245, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
253) }
```



# Background

The CSS property to change the background color of an element to Yxy 93.6567, 0.3144, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 253) }
```

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

```
.background{ background-color: rgb(255,  
245, 253) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor