

Converting Colors

$Y_{xy}(95.6283, 0.3207, 0.3210)$

Have a look what the booklet for
Yxy(95.6283, 0.3207, 0.3210)
contains.

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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

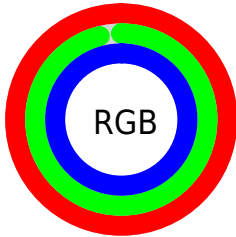
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 255, 245, 253 |
| Decimal | 16774653 |
| CIE _{Lab} | 97.49, 4.77, -2.66 |
| CIE _{LCh} | 97, 5.458, 330.841 |
| Yxy | 93.6567, 0.3144, 0.3213 |
| Android (android.graphics.Color) | 4294964733 (0xFFFFF5FD) |
| 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.

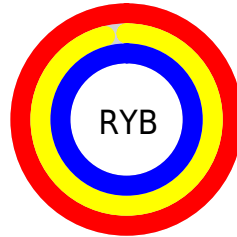
Distribution



Red (100%)

Green (96%)

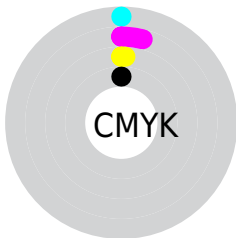
Blue (99%)



Red (100%)

Yellow (96%)

Blue (99%)

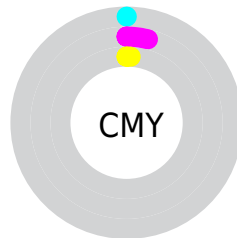


Cyan (0%)

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

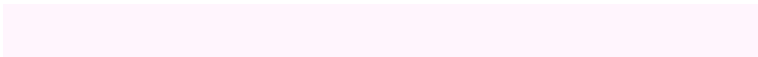
Harmonies

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

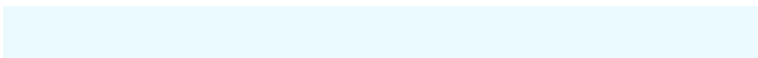
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.6567, 0.3144, 0.3213



93.6567, 0.3220, 0.3390



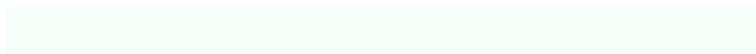
93.6567, 0.3018, 0.3268

Complementary

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



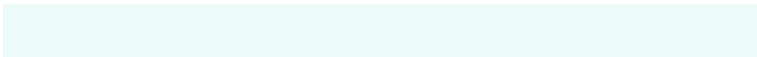
93.6567, 0.3144, 0.3213



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



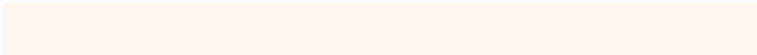
93.6567, 0.3170, 0.3394

Square

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



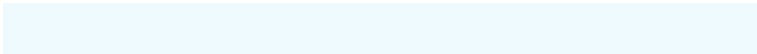
93.6567, 0.3144, 0.3213



93.6567, 0.3245, 0.3359



93.6567, 0.3110, 0.3369



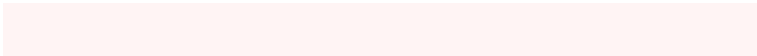
93.6567, 0.3011, 0.3220

Rectangle

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



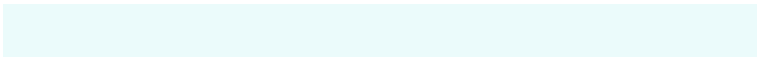
93.6567, 0.3144, 0.3213



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



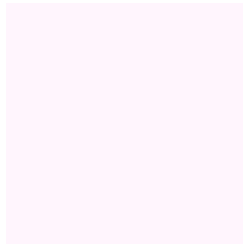
13.4237, 0.3784, 0.1858



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

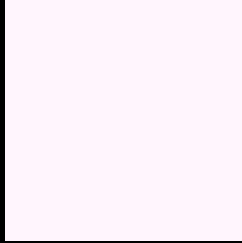
Large Text (above 18pt) WCAG AA × Fail

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

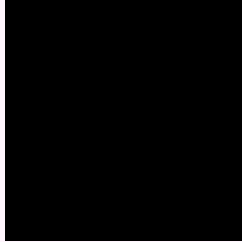
Large Text (above 18pt) WCAG AAA ✓ Pass

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](#).

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