

Converting Colors

$Yxy(93.7131, 0.3181, 0.3255)$

Have a look what the booklet for
Yxy(93.7131, 0.3181, 0.3255)
contains.

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Color

Yxy(93.4044, 0.3168, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5F9
RGB	255, 245, 249
RGB Percent	100%, 96%, 98%
CMY	0.0000, 0.0392, 0.0237
CMYK	0.00, 0.04, 0.02, 0.00
HSL	336°, 100%, 98%
HSV	336°, 4%, 100%
XYZ	90.9917, 93.4044, 102.8253
YIQ	248.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

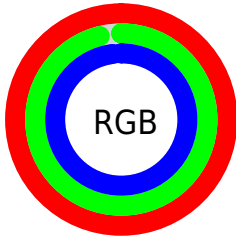
Format	Color
R_{YB}	255, 245, 249
Decimal	16774649
CIE _{Lab}	97.39, 4.03, -0.72
CIE _{LCh}	97, 4.092, 349.903
Yxy	93.4044, 0.3168, 0.3252
Android (android.graphics.Color)	4294964729 (0xFFFFF5F9)
YUV	248.4460, 0.2731, 5.7479
Hunter-Lab	96.6460, -1.0734, 4.5713

Details

The Yxy color 93.4044, 0.3168, 0.3252 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.9007, 0.3088, 0.3328, and the grayscale version is 94.2460, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.2512, 0.3171, 0.3241 is the 20% darker color. If you saturate the color by 10%, you get 78.1022, 0.3287, 0.3151, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

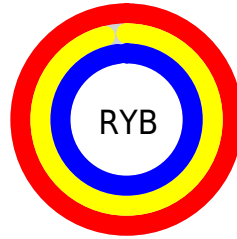
Distribution



Red (100%)

Green (96%)

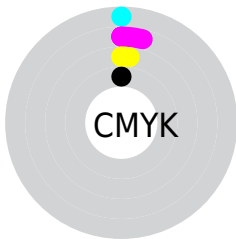
Blue (98%)



Red (100%)

Yellow (96%)

Blue (98%)

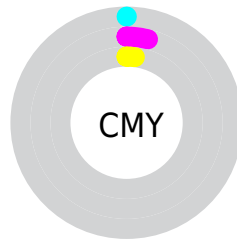


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (4%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.4044, 0.3168, 0.3252 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 93.4044, 0.3168, 0.3252 by changing the saturation by 10% instead.


 93.4044, 0.3168,
0.3252

 93.4044, 0.3168,
0.3252


539.0441, 0.3150,
0.3269

 70.8077, 0.3172,
0.3248


152.0584, 0.3162,
0.3258

 52.1853, 0.3177,
0.3244


188.8844, 0.3159,
0.3260

 37.1528, 0.3183,
0.3238


231.2223, 0.3157,
0.3262

 25.3258, 0.3190,
0.3231

279.4565, 0.3156,
0.3264

 16.3199, 0.3200,
0.3222

333.9714, 0.3154,
0.3265

 9.7508, 0.3214,
0.3209

395.1514, 0.3152,

 5.2341, 0.3233,

0.3267

0.3191

463.3808, 0.3151,
0.3268

■ 2.3852, 0.3265,
0.3162

■ 0.8183, 0.3325,
0.3104

■ 93.4044, 0.3168,
0.3252

■ 93.4044, 0.3168,
0.3252

■ 78.1022, 0.3287,
0.3151

100.0000, 0.3127,
0.3290

■ 64.9163, 0.3433,
0.3044

■ 53.7528, 0.3610,
0.2936

■ 44.5102, 0.3821,
0.2831

■ 37.0782, 0.4068,
0.2737

■ 31.3352, 0.4350,
0.2666

■ 27.1443, 0.4657,
0.2631

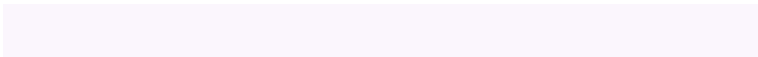
■ 24.3471, 0.4972,
0.2644

■ 22.7505, 0.5273,
0.2711

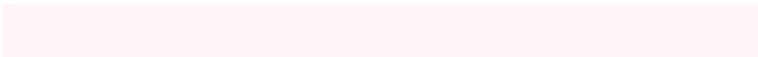
Harmonies

Analogous

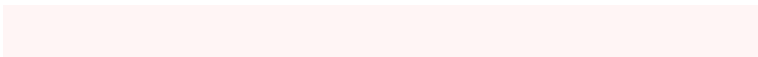
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4044, 0.3123, 0.3223



93.4044, 0.3168, 0.3252



93.4044, 0.3202, 0.3291

Triad

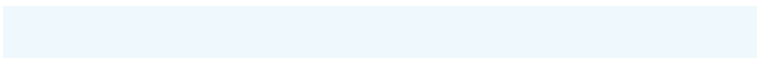
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.4044, 0.3168, 0.3252



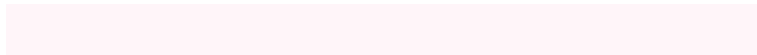
93.4044, 0.3175, 0.3369



93.4044, 0.3039, 0.3250

Complementary

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



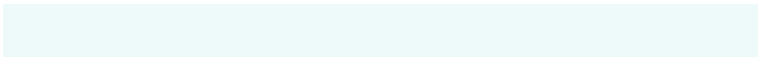
93.4044, 0.3168, 0.3252



97.9007, 0.3088, 0.3328

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.



93.4044, 0.3053, 0.3289



93.4044, 0.3168, 0.3252



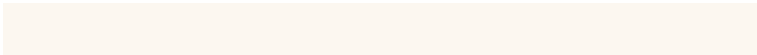
93.4044, 0.3131, 0.3358

Square

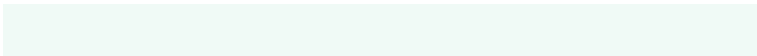
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



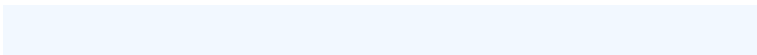
93.4044, 0.3168, 0.3252



93.4044, 0.3206, 0.3358



93.4044, 0.3086, 0.3329



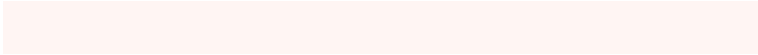
93.4044, 0.3049, 0.3222

Rectangle

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



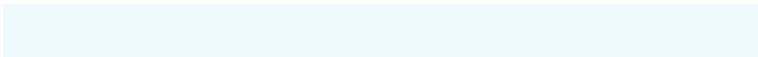
93.4044, 0.3168, 0.3252



93.4044, 0.3214, 0.3317



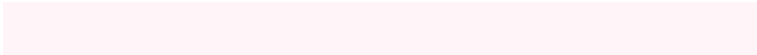
93.4044, 0.3086, 0.3329



93.4044, 0.3041, 0.3262

Sweetspot

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



93.4046, 0.3168, 0.3252



98.2850, 0.3137, 0.3280



93.0368, 0.3106, 0.3194



21.0551, 0.3137, 0.3281



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

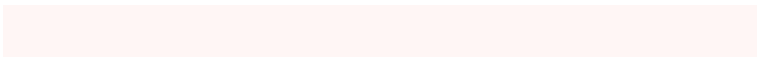
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.4046, 0.3168, 0.3252



91.6472, 0.3180, 0.3241



93.7666, 0.3191, 0.3300



19.3745, 0.3187, 0.3234



11.6275, 0.5400, 0.2748



1.1529, 0.5097, 0.2581

Inverse Universe

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



93.4046, 0.3168, 0.3252



91.6472, 0.3180, 0.3241



97.5171, 0.3066, 0.3280



19.3745, 0.3187, 0.3234



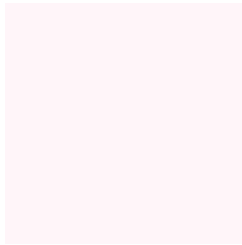
11.6275, 0.5400, 0.2748



1.1529, 0.5097, 0.2581

Previews

White Background



This preview shows how the Yxy color 93.4044, 0.3168, 0.3252 looks on a white background.

Color Contrast Check

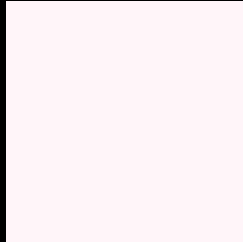
Large Text (above 18pt) WCAG AA × Fail

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 93.4044, 0.3168, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

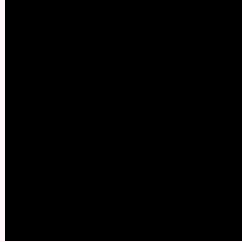
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.4044, 0.3168, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 93.4044, 0.3168, 0.3252.



This preview shows how white text looks on a background with the Yxy color 93.4044, 0.3168, 0.3252.

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

93.4044, 0.3168, 0.3252

Protanopia

93.3229, 0.3135, 0.3251

Deuteranopia

93.3421, 0.3174, 0.3261



Tritanopia

93.2203, 0.3112, 0.3194

Trichromacy



Original Color

93.4044, 0.3168, 0.3252

Protanomaly

93.5091, 0.3142, 0.3251

Deuteranomaly

93.3421, 0.3174, 0.3261

Tritanomaly

93.2793, 0.3131, 0.3213

Monochromacy



Original Color

93.4044, 0.3168, 0.3252

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.8081, 0.3147, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.4044, 0.3168, 0.3252 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 249) }
```

Border

The CSS property to change the border of an element to Yxy 93.4044, 0.3168, 0.3252 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, 249) }
```

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

```
.border{ border-color:rgb(255, 245, 249) }
```

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, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 93.4044, 0.3168, 0.3252 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, 249) }
```

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

```
.background{ background-color: rgb(255,  
245, 249) }
```

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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