

Converting Colors

$Y_{xy}(108.8312, 0.3129, 0.3563)$

Have a look what the booklet for
Yxy(108.8312, 0.3129, 0.3563)
contains.

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Color

Yxy(97.5839, 0.3140, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFF3
RGB	246, 255, 243
RGB Percent	96%, 100%, 95%
CMY	0.0354, 0.0000, 0.0470
CMYK	0.04, 0.00, 0.05, 0.00
HSL	105°, 100%, 98%
HSV	105°, 5%, 100%
XYZ	89.9364, 97.5839, 98.9014
YIQ	250.9410, -1.5120, -5.6400

Conversions

Conversions Part 2

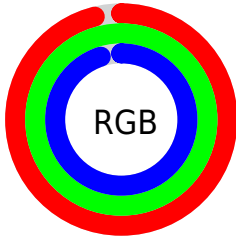
Format	Color
R_{YB}	243, 255, 252
Decimal	16187379
CIE _{Lab}	99.06, -5.07, 4.68
CIE _{LCh}	99, 6.901, 137.248
Y _{xy}	97.5839, 0.3140, 0.3407
Android (android.graphics.Color)	4294377459 (0xFFFF6FFF3)
YUV	250.9410, -3.9149, -4.3333
Hunter-Lab	98.7846, -10.3612, 9.7890

Details

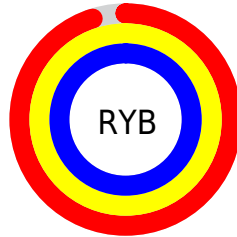
The Yxy color 97.5839, 0.3140, 0.3407 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.0362, 0.3114, 0.3175, and the grayscale version is 96.4440, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.9232, 0.3144, 0.3427 is the 20% darker color. If you saturate the color by 10%, you get 92.8459, 0.3166, 0.3677, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

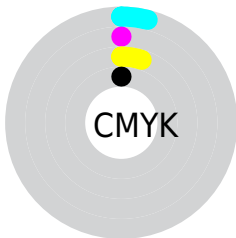
Distribution



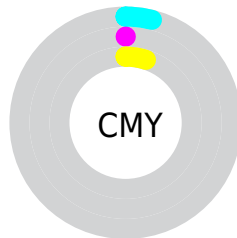
- Red (96%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (99%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.5839, 0.3140, 0.3407 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 97.5839, 0.3140, 0.3407 by changing the saturation by 10% instead.


 97.5839, 0.3140,
0.3407

 97.5839, 0.3140,
0.3407


552.4044, 0.3135,
0.3355

 74.2874, 0.3141,
0.3418

157.8296, 0.3138,
0.3389

 55.0293, 0.3142,
0.3432


195.5476, 0.3137,
0.3383

 39.4252, 0.3144,
0.3449


238.8415, 0.3137,
0.3377

 27.0907, 0.3146,
0.3471

288.0958, 0.3136,
0.3371

 17.6413, 0.3149,
0.3499

343.6948, 0.3136,
0.3367

 10.6928, 0.3152,
0.3538

406.0230, 0.3135,

 5.8607, 0.3157,

0.3362

0.3595

475.4647, 0.3135,
0.3359

■ 2.7605, 0.3163,
0.3686

■ 1.0080, 0.3188,
0.3874

■ 97.5839, 0.3140,
0.3407

■ 97.5839, 0.3140,
0.3407

■ 92.8459, 0.3166,
0.3677

100.0000, 0.3127,
0.3290

■ 88.6670, 0.3190,
0.3975

■ 85.0213, 0.3209,
0.4296

■ 81.8868, 0.3220,
0.4630

■ 79.2396, 0.3222,
0.4964

■ 77.0541, 0.3212,
0.5276

■ 75.3019, 0.3189,
0.5546

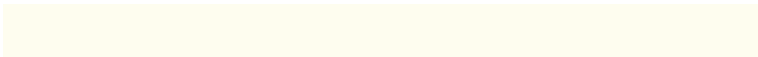
■ 73.9513, 0.3155,
0.5752

■ 72.9652, 0.3111,
0.5885

Harmonies

Analogous

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



97.5839, 0.3212, 0.3422



97.5839, 0.3140, 0.3407



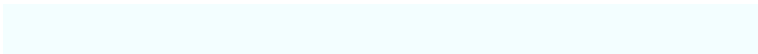
97.5839, 0.3065, 0.3360

Triad

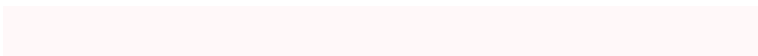
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97.5839, 0.3140, 0.3407



97.5839, 0.2994, 0.3179



97.5839, 0.3248, 0.3285

Complementary

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



97.5839, 0.3140, 0.3407



92.0362, 0.3114, 0.3175

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.



97.5839, 0.3189, 0.3222



97.5839, 0.3140, 0.3407



97.5839, 0.3042, 0.3161

Square

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



97.5839, 0.3140, 0.3407



97.5839, 0.2982, 0.3228



97.5839, 0.3113, 0.3177



97.5839, 0.3275, 0.3350

Rectangle

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



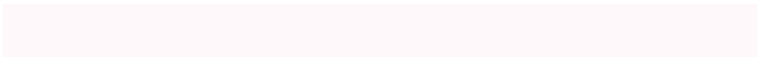
97.5839, 0.3140, 0.3407



97.5839, 0.3024, 0.3317



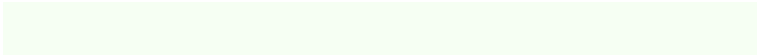
97.5839, 0.3113, 0.3177



97.5839, 0.3231, 0.3263

Sweetspot

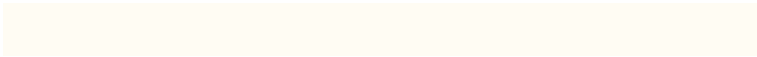
The Sweet Spot groups the original color and five complimentary colors.



97.5789, 0.3140, 0.3407



99.4741, 0.3130, 0.3314



97.3556, 0.3199, 0.3377



21.2971, 0.3130, 0.3313



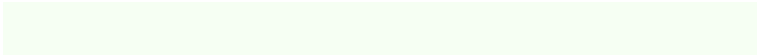
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



97.5789, 0.3140, 0.3407



96.9312, 0.3144, 0.3440



97.2323, 0.3105, 0.3378



20.6784, 0.3145, 0.3457



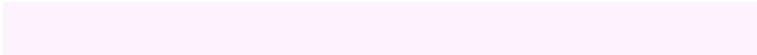
37.9769, 0.3097, 0.5923



3.7461, 0.3173, 0.5862

Inverse Universe

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



92.0362, 0.3114, 0.3175



89.9164, 0.3110, 0.3142



92.3999, 0.3151, 0.3204



19.0209, 0.3108, 0.3126



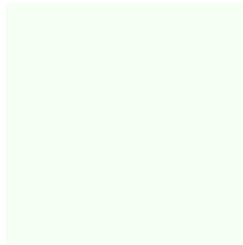
9.7176, 0.2592, 0.1201



0.9971, 0.2665, 0.1242

Previews

White Background



This preview shows how the Yxy color 97.5839, 0.3140, 0.3407 looks on a white background.

Color Contrast Check

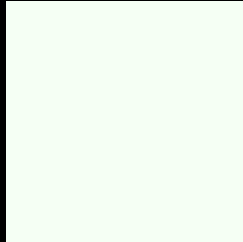
Large Text (above 18pt) WCAG AA × Fail

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 97.5839, 0.3140, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

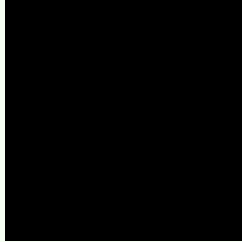
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.5839, 0.3140, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 97.5839, 0.3140, 0.3407.



This preview shows how white text looks on a background with the Yxy color 97.5839, 0.3140, 0.3407.

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

A vertical bar on the left side of the page is divided into three colored sections: a light green top section, a light orange middle section, and a light yellow bottom section. These sections correspond to the 'Original Color', 'Protanopia', and 'Deuteranopia' labels respectively.

Original Color

97.5839, 0.3140, 0.3407

Protanopia

97.6581, 0.3169, 0.3328

Deuteranopia

97.2826, 0.3146, 0.3281

Tritanopia

97.5363, 0.3110, 0.3261

Trichromacy



Original Color

97.5839, 0.3140, 0.3407

Protanomaly

97.5998, 0.3162, 0.3358

Deuteranomaly

97.1558, 0.3145, 0.3319

Tritanomaly

97.5396, 0.3120, 0.3309

Monochromacy



Original Color

97.5839, 0.3140, 0.3407

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.5379, 0.3132, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.5839, 0.3140, 0.3407 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(246, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 243)  
}
```

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(246, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 243) }
```

Border

The CSS property to change the border of an element to Yxy 97.5839, 0.3140, 0.3407 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(246, 255, 243) }
```

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

```
.border{ border-color:rgb(246, 255, 243) }
```

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

Here you see how a box with a 4 pixel rgb(246, 255, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 97.5839, 0.3140, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 243) }
```

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

```
.background{ background-color: rgb(246,  
255, 243) }
```

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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