

Converting Colors

$Yxy(92.9870, 0.3167, 0.3397)$

Have a look what the booklet for
Yxy(92.9870, 0.3167, 0.3397)
contains.

| | |
|------------------------------------------------|----|
| Yxy(93.3369, 0.3167, 0.3399) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(93.3369, 0.3167, 0.3399)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F5F9EE |
| RGB | 245, 249, 238 |
| RGB Percent | 96%, 98%, 93% |
| CMY | 0.0391, 0.0235, 0.0668 |
| CMYK | 0.02, 0.00, 0.04, 0.02 |
| HSL | 82°, 48%, 95% |
| HSV | 82°, 4%, 98% |
| XYZ | 86.9662, 93.3369, 94.2980 |
| YIQ | 246.5500, 1.1470, -4.2690 |

Conversions

Conversions Part 2

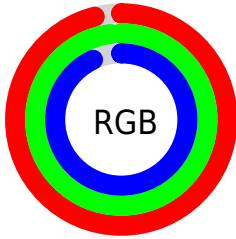
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 238, 249, 242 |
| Decimal | 16120302 |
| CIE Lab | 97.36, -3.23, 4.82 |
| CIE LCh | 97, 5.800, 123.846 |
| Yxy | 93.3369, 0.3167, 0.3399 |
| Android (android.graphics.Color) | 4294310382 (0xFFFF5F9EE) |
| YUV | 246.5500, -4.2151, -1.3593 |
| Hunter-Lab | 96.6110, -8.3893, 9.7572 |

Details

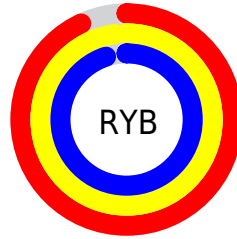
The Yxy color 93.3369, 0.3167, 0.3399 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.8413, 0.3086, 0.3180, and the grayscale version is 92.6652, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.3361, 0.3177, 0.3429 is the 20% darker color. If you saturate the color by 10%, you get 90.3997, 0.3258, 0.3658, and if you desaturate by 10%, it is 96.0457, 0.3124, 0.3233.

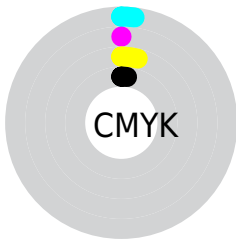
Distribution



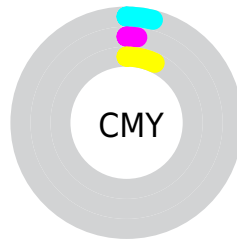
- Red (96%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (98%)
- Blue (95%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)





- Cyan (4%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.3369, 0.3167, 0.3399 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 93.3369, 0.3167, 0.3399 by changing the saturation by 10% instead.


 93.3369, 0.3167,
0.3399

 93.3369, 0.3167,
0.3399


538.8269, 0.3150,
0.3351

 70.7516, 0.3171,
0.3410

151.9650, 0.3161,
0.3383

 52.1395, 0.3175,
0.3423


188.7765, 0.3159,
0.3376

 37.1163, 0.3181,
0.3439


231.0988, 0.3157,
0.3370

 25.2975, 0.3188,
0.3459

279.3164, 0.3155,
0.3365

 16.2989, 0.3198,
0.3486

333.8136, 0.3153,
0.3361

 9.7359, 0.3210,
0.3524

394.9748, 0.3152,

 5.2242, 0.3229,

0.3357

0.3579

463.1845, 0.3151,
0.3354

■ 2.3794, 0.3258,
0.3669

■ 0.8153, 0.3375,
0.3953

■ 93.3369, 0.3167,
0.3399

■ 93.3369, 0.3167,
0.3399

■ 90.3997, 0.3258,
0.3658

■ 96.0457, 0.3124,
0.3233

■ 87.7300, 0.3347,
0.3933

■ 96.2332, 0.3130,
0.3233

■ 85.3219, 0.3432,
0.4217

■ 83.1648, 0.3507,
0.4500

■ 81.2472, 0.3568,
0.4773

■ 79.5564, 0.3609,
0.5022

■ 78.0782, 0.3626,
0.5233

■ 76.7965, 0.3619,
0.5397

■ 75.6916, 0.3587,
0.5509

Harmonies

Analogous

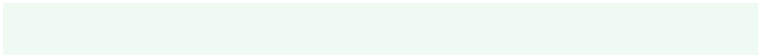
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3369, 0.3222, 0.3398



93.3369, 0.3167, 0.3399



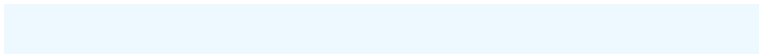
93.3369, 0.3102, 0.3370

Triad

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



93.3369, 0.3167, 0.3399



93.3369, 0.3005, 0.3212



93.3369, 0.3210, 0.3261

Complementary

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



93.3369, 0.3167, 0.3399



86.8413, 0.3086, 0.3180

Split Complementary

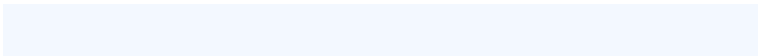
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.3369, 0.3152, 0.3212



93.3369, 0.3167, 0.3399



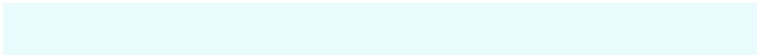
93.3369, 0.3033, 0.3184

Square

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



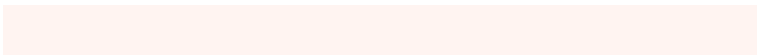
93.3369, 0.3167, 0.3399



93.3369, 0.3009, 0.3261



93.3369, 0.3087, 0.3184



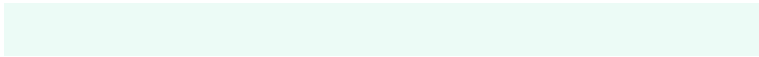
93.3369, 0.3247, 0.3317

Rectangle

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



93.3369, 0.3167, 0.3399



93.3369, 0.3062, 0.3338



93.3369, 0.3087, 0.3184



93.3369, 0.3193, 0.3243

Sweetspot

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



93.3409, 0.3167, 0.3399



99.6627, 0.3136, 0.3314



89.7164, 0.3198, 0.3328



21.3355, 0.3136, 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.



93.3409, 0.3167, 0.3399



98.3435, 0.3172, 0.3413



92.3845, 0.3132, 0.3400



20.1050, 0.3178, 0.3431



40.3019, 0.3572, 0.5546



3.7924, 0.3646, 0.5487

Inverse Universe

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



86.8413, 0.3086, 0.3180



90.6204, 0.3081, 0.3166



87.8099, 0.3121, 0.3182



18.3122, 0.3074, 0.3148



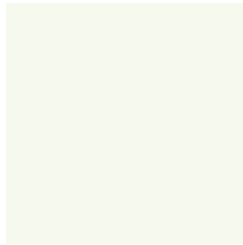
4.8939, 0.1783, 0.0756



0.5107, 0.1913, 0.0828

Previews

White Background



This preview shows how the Yxy color 93.3369, 0.3167, 0.3399 looks on a white background.

Color Contrast Check

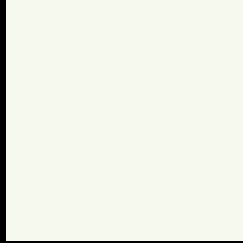
Large Text (above 18pt) WCAG AA × Fail

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 93.3369, 0.3167, 0.3399 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

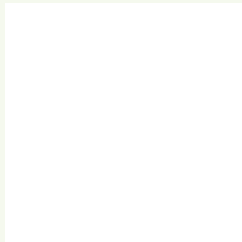
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.3369, 0.3167, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 93.3369, 0.3167, 0.3399.

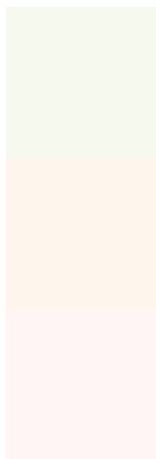


This preview shows how white text looks on a background with the Yxy color 93.3369, 0.3167, 0.3399.

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

93.3369, 0.3167, 0.3399

Protanopia

93.0385, 0.3240, 0.3388

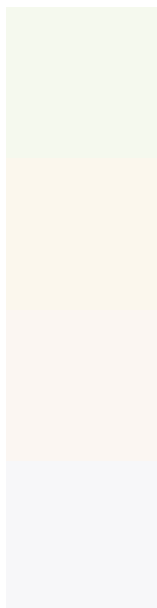
Deuteranopia

93.1574, 0.3192, 0.3290

Tritanopia

93.0880, 0.3087, 0.3203

Trichromacy



Original Color

93.3369, 0.3167, 0.3399

Protanomaly

93.1452, 0.3213, 0.3388

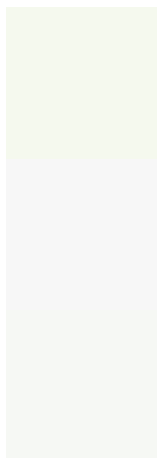
Deuteranomaly

92.8316, 0.3183, 0.3329

Tritanomaly

93.1352, 0.3115, 0.3270

Monochromacy



Original Color

93.3369, 0.3167, 0.3399

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.2593, 0.3138, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3369, 0.3167, 0.3399 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(245, 249, 238)` looks like.

```
.text, #text, p{  
    color:rgb(245, 249, 238)  
}
```

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(245, 249, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 249, 238) }
```

Border

The CSS property to change the border of an element to Yxy 93.3369, 0.3167, 0.3399 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(245, 249, 238) }
```

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

```
.border{ border-color:rgb(245, 249, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 249, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 249, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 249, 238);  
box-shadow:4px 4px 4px 4px rgb(245, 249,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3369, 0.3167, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 249, 238) }
```

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

```
.background{ background-color: rgb(245,  
249, 238) }
```

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