

Converting Colors

$Y_{xy}(100.0000, 0.3116, 0.3442)$

Have a look what the booklet for
Yxy(100.0000, 0.3116, 0.3442)
contains.

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Color

Yxy(97.1063, 0.3116, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFF4
RGB	243, 255, 244
RGB Percent	95%, 100%, 96%
CMY	0.0471, 0.0000, 0.0432
CMYK	0.05, 0.00, 0.04, 0.00
HSL	125°, 100%, 98%
HSV	125°, 5%, 100%
XYZ	89.0474, 97.1063, 99.6211
YIQ	250.1580, -3.6210, -5.9650

Conversions

Conversions Part 2

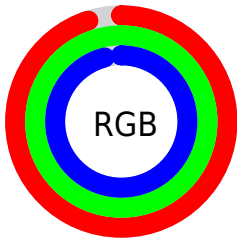
Format	Color
R_{YB}	243, 254, 255
Decimal	15990772
CIE _{Lab}	98.87, -5.88, 3.89
CIE _{LCh}	99, 7.051, 146.500
Yxy	97.1063, 0.3116, 0.3398
Android (android.graphics.Color)	4294180852 (0xFFFF3FFF4)
YUV	250.1580, -3.0359, -6.2776
Hunter-Lab	98.5425, -11.1488, 9.0408

Details

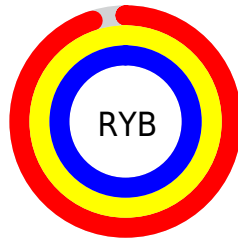
The Yxy color 97.1063, 0.3116, 0.3398 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.5161, 0.3138, 0.3184, and the grayscale version is 95.7598, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.5838, 0.3113, 0.3415 is the 20% darker color. If you saturate the color by 10%, you get 91.5456, 0.3091, 0.3651, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

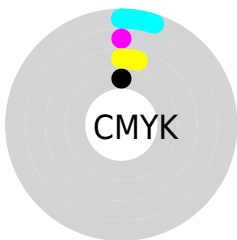
Distribution



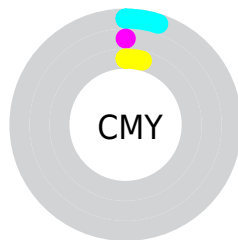
- Red (95%)
- Green (100%)
- Blue (96%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 97.1063, 0.3116, 0.3398 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 97.1063, 0.3116, 0.3398 by changing the saturation by 10% instead.

 97.1063, 0.3116,
0.3398

 97.1063, 0.3116,
0.3398


550.8863, 0.3121,
0.3350

 73.8893, 0.3115,
0.3408


157.1714, 0.3118,
0.3382

 54.7034, 0.3113,
0.3421


194.7882, 0.3118,
0.3375

 39.1643, 0.3112,
0.3437


237.9737, 0.3119,
0.3370

 26.8876, 0.3109,
0.3457


287.1124, 0.3120,
0.3365

 17.4888, 0.3106,
0.3483

342.5886, 0.3120,
0.3361

 10.5836, 0.3102,
0.3520

404.7868, 0.3120,

 5.7876, 0.3095,

0.3357

0.3573

474.0912, 0.3121,
0.3353

■ 2.7164, 0.3084,
0.3658

■ 0.9855, 0.3070,
0.3831

■ 97.1063, 0.3116,
0.3398

■ 97.1063, 0.3116,
0.3398

■ 91.5456, 0.3091,
0.3651

100.0000, 0.3127,
0.3290

■ 86.7646, 0.3066,
0.3936

■ 82.7271, 0.3041,
0.4249

■ 79.3954, 0.3018,
0.4583

■ 76.7291, 0.2998,
0.4923

■ 74.6833, 0.2984,
0.5249

■ 73.2075, 0.2976,
0.5536

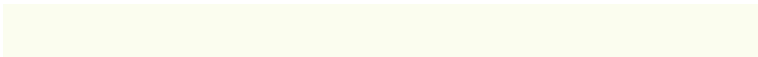
■ 72.2437, 0.2977,
0.5762

■ 71.7208, 0.2985,
0.5911

Harmonies

Analogous

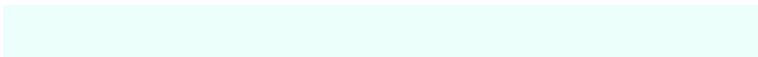
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.1063, 0.3193, 0.3424



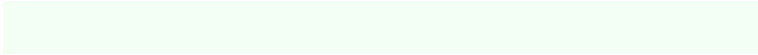
97.1063, 0.3116, 0.3398



97.1063, 0.3043, 0.3342

Triad

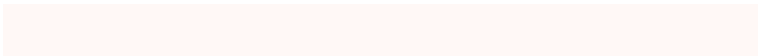
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97.1063, 0.3116, 0.3398



97.1063, 0.3003, 0.3167



97.1063, 0.3264, 0.3306

Complementary

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



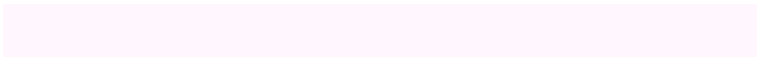
97.1063, 0.3116, 0.3398



92.5161, 0.3138, 0.3184

Split Complementary

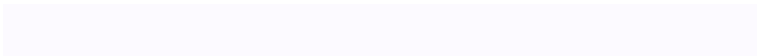
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.1063, 0.3212, 0.3239



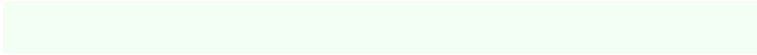
97.1063, 0.3116, 0.3398



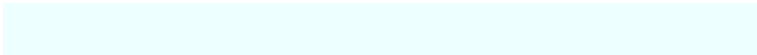
97.1063, 0.3061, 0.3160

Square

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



97.1063, 0.3116, 0.3398



97.1063, 0.2978, 0.3208



97.1063, 0.3137, 0.3186



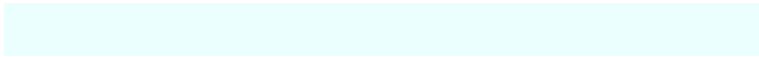
97.1063, 0.3279, 0.3370

Rectangle

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



97.1063, 0.3116, 0.3398



97.1063, 0.3006, 0.3296



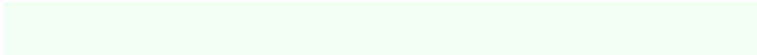
97.1063, 0.3137, 0.3186



97.1063, 0.3250, 0.3283

Sweetspot

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



97.1046, 0.3116, 0.3398



99.3697, 0.3125, 0.3312



99.0994, 0.3192, 0.3405



21.2758, 0.3125, 0.3311



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.



97.1046, 0.3116, 0.3398



96.3409, 0.3113, 0.3429



97.4636, 0.3083, 0.3341



20.5394, 0.3111, 0.3445



37.4072, 0.2986, 0.5948



3.6501, 0.2954, 0.5835

Inverse Universe

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



92.5161, 0.3138, 0.3184



90.5432, 0.3142, 0.3155



92.1489, 0.3174, 0.3240



19.1695, 0.3143, 0.3140



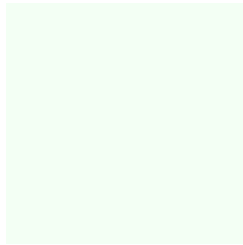
14.2266, 0.3427, 0.1662



1.3925, 0.3399, 0.1646

Previews

White Background



This preview shows how the Yxy color 97.1063, 0.3116, 0.3398 looks on a white background.

Color Contrast Check

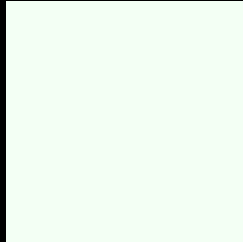
Large Text (above 18pt) WCAG AA × Fail

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 97.1063, 0.3116, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

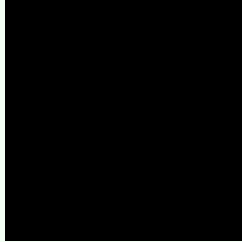
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

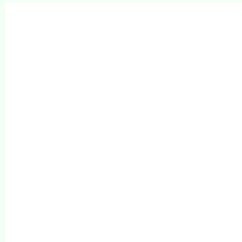
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 97.1063, 0.3116, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 97.1063, 0.3116, 0.3398.

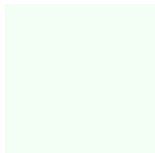


This preview shows how white text looks on a background with the Yxy color 97.1063, 0.3116, 0.3398.

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

97.1063, 0.3116, 0.3398



Protanopia

96.9698, 0.3176, 0.3329

Deuteranopia

97.2194, 0.3152, 0.3290

Tritanopia

97.3500, 0.3104, 0.3261

Trichromacy



A vertical color bar on the left side of the Trichromacy section, showing a gradient from light green at the top to light yellow at the bottom.

Original Color

97.1063, 0.3116, 0.3398

Protanomaly

96.7839, 0.3156, 0.3348

Deuteranomaly

96.9073, 0.3144, 0.3329

Tritanomaly

97.1721, 0.3108, 0.3309

Monochromacy



A vertical color bar on the left side of the Monochromacy section, showing a gradient from light green at the top to light yellow at the bottom.

Original Color

97.1063, 0.3116, 0.3398

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

96.1723, 0.3119, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.1063, 0.3116, 0.3398 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(243, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 244)  
}
```

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(243, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 244) }
```

Border

The CSS property to change the border of an element to Yxy 97.1063, 0.3116, 0.3398 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(243, 255, 244) }
```

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

```
.border{ border-color:rgb(243, 255, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 97.1063, 0.3116, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 244) }
```

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

```
.background{ background-color: rgb(243,  
255, 244) }
```

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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