

Converting Colors

$Y_{xy}(95.2374, 0.3136, 0.3359)$

Have a look what the booklet for
Yxy(95.2374, 0.3136, 0.3359)
contains.

Yxy(95.1188, 0.3137, 0.3359)	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(95.1188, 0.3137, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	F6FBF4
RGB	246, 251, 244
RGB Percent	96%, 98%, 96%
CMY	0.0352, 0.0157, 0.0433
CMYK	0.02, 0.00, 0.03, 0.02
HSL	102°, 47%, 97%
HSV	102°, 3%, 98%
XYZ	88.8323, 95.1188, 99.2249
YIQ	248.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

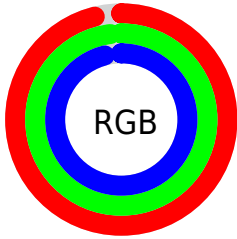
Format	Color
R _Y B	244, 251, 249
Decimal	16186356
CIE Lab	98.08, -2.87, 2.79
CIE LCh	98, 4.004, 135.848
Yxy	95.1188, 0.3137, 0.3359
Android (android.graphics.Color)	4294376436 (0xFFFF6FBF4)
YUV	248.7070, -2.3206, -2.3740
Hunter-Lab	97.5289, -8.0922, 7.9492

Details

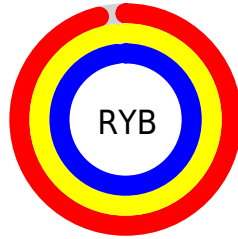
The Yxy color 95.1188, 0.3137, 0.3359 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.7635, 0.3117, 0.3221, and the grayscale version is 94.5013, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.6082, 0.3139, 0.3377 is the 20% darker color. If you saturate the color by 10%, you get 90.6480, 0.3171, 0.3623, and if you desaturate by 10%, it is 97.4768, 0.3129, 0.3252.

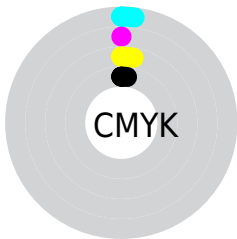
Distribution



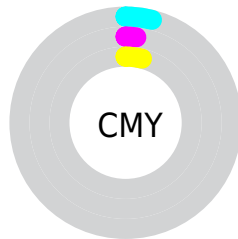
- Red (96%)
- Green (98%)
- Blue (96%)



- Red (96%)
- Yellow (98%)
- Blue (98%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1188, 0.3137, 0.3359 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 95.1188, 0.3137, 0.3359 by changing the saturation by 10% instead.

 95.1188, 0.3137,
0.3359

 95.1188, 0.3137,
0.3359

544.5452, 0.3133,
0.3329

 72.2339, 0.3138,
0.3366


154.4287, 0.3136,
0.3349

 53.3497, 0.3139,
0.3374


191.6225, 0.3135,
0.3345

 38.0820, 0.3140,
0.3384


234.3546, 0.3135,
0.3341

 26.0464, 0.3142,
0.3397

283.0096, 0.3134,
0.3338

 16.8583, 0.3144,
0.3413

337.9717, 0.3134,
0.3335

 10.1335, 0.3147,
0.3437

399.6255, 0.3133,

 5.4876, 0.3151,

0.3333

0.3471

468.3552, 0.3133,
0.3331

■ 2.5361, 0.3158,
0.3525

■ 0.8946, 0.3179,
0.3646

■ 95.1188, 0.3137,
0.3359

■ 95.1188, 0.3137,
0.3359

■ 90.6480, 0.3171,
0.3623

■ 97.4768, 0.3129,
0.3252

■ 86.6694, 0.3203,
0.3913

■ 83.1694, 0.3231,
0.4226

■ 80.1291, 0.3251,
0.4553

■ 77.5283, 0.3261,
0.4881

■ 75.3451, 0.3257,
0.5193

■ 73.5556, 0.3239,
0.5467

■ 72.1330, 0.3206,
0.5685

■ 71.0466, 0.3161,
0.5833

Harmonies

Analogous

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



95.1188, 0.3179, 0.3367



95.1188, 0.3137, 0.3359



95.1188, 0.3093, 0.3332

Triad

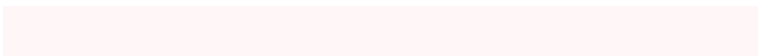
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.1188, 0.3137, 0.3359



95.1188, 0.3048, 0.3226



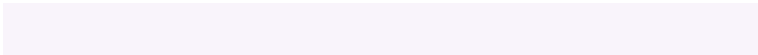
95.1188, 0.3197, 0.3285

Complementary

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



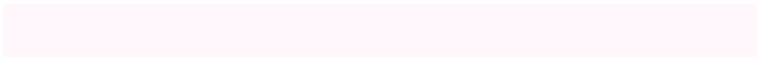
95.1188, 0.3137, 0.3359



91.7635, 0.3117, 0.3221

Split Complementary

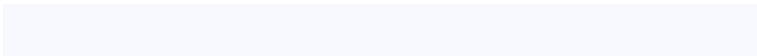
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1188, 0.3161, 0.3249



95.1188, 0.3137, 0.3359



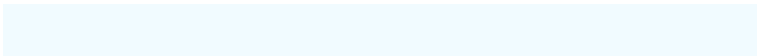
95.1188, 0.3076, 0.3215

Square

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



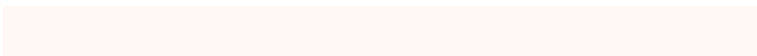
95.1188, 0.3137, 0.3359



95.1188, 0.3042, 0.3256



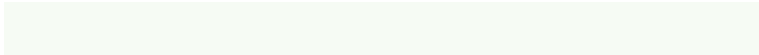
95.1188, 0.3117, 0.3223



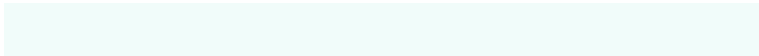
95.1188, 0.3213, 0.3324

Rectangle

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



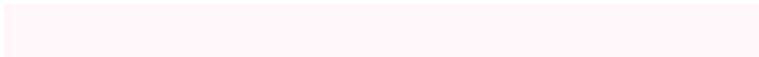
95.1188, 0.3137, 0.3359



95.1188, 0.3068, 0.3308



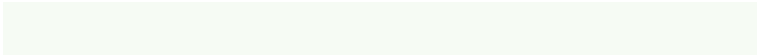
95.1188, 0.3117, 0.3223



95.1188, 0.3187, 0.3272

Sweetspot

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



95.1229, 0.3137, 0.3359



99.4971, 0.3131, 0.3314



94.7207, 0.3170, 0.3338



21.3018, 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.



95.1229, 0.3137, 0.3359



98.5073, 0.3138, 0.3364



94.8357, 0.3116, 0.3345



20.1050, 0.3140, 0.3384



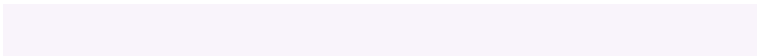
37.0930, 0.3135, 0.5893



3.4875, 0.3221, 0.5824

Inverse Universe

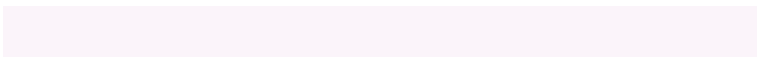
The Inverse Universe completely reimagines the original color for something new.



91.7635, 0.3117, 0.3221



94.7915, 0.3116, 0.3217



92.0581, 0.3139, 0.3235



19.1472, 0.3113, 0.3197



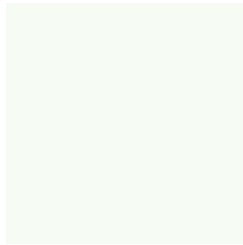
8.6630, 0.2475, 0.1137



0.8569, 0.2565, 0.1187

Previews

White Background



This preview shows how the Yxy color 95.1188, 0.3137, 0.3359 looks on a white background.

Color Contrast Check

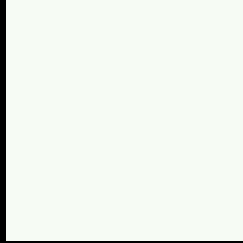
Large Text (above 18pt) WCAG AA × Fail

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 95.1188, 0.3137, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

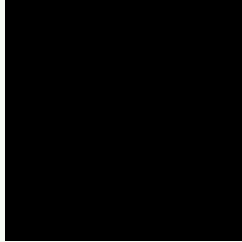
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

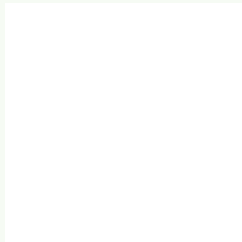
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.1188, 0.3137, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 95.1188, 0.3137, 0.3359.

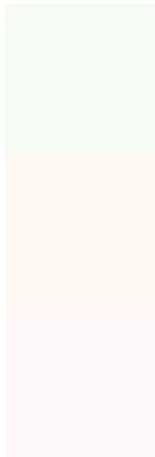


This preview shows how white text looks on a background with the Yxy color 95.1188, 0.3137, 0.3359.

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

95.1188, 0.3137, 0.3359

Protanopia

94.8659, 0.3202, 0.3338

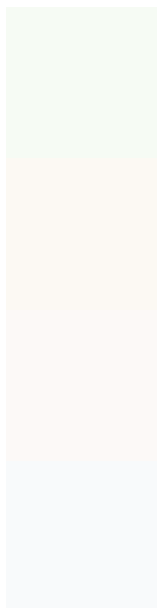
Deuteranopia

95.2344, 0.3166, 0.3281

Tritanopia

95.1111, 0.3092, 0.3232

Trichromacy



Original Color

95.1188, 0.3137, 0.3359

Protanomaly

94.9179, 0.3182, 0.3348

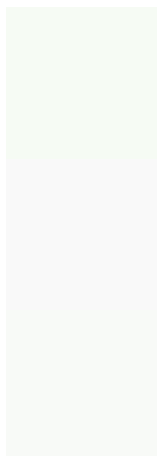
Deuteranomaly

95.1622, 0.3158, 0.3309

Tritanomaly

95.2927, 0.3109, 0.3280

Monochromacy



Original Color

95.1188, 0.3137, 0.3359

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

95.0431, 0.3132, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1188, 0.3137, 0.3359 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, 251, 244)` looks like.

```
.text, #text, p{  
    color:rgb(246, 251, 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(246, 251, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 251, 244) }
```

Border

The CSS property to change the border of an element to Yxy 95.1188, 0.3137, 0.3359 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, 251, 244) }
```

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

```
.border{ border-color:rgb(246, 251, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 251, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 251, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 251, 244);  
box-shadow:4px 4px 4px 4px rgb(246, 251,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1188, 0.3137, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 251, 244) }
```

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

```
.background{ background-color: rgb(246,  
251, 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](#).

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