

Converting Colors

$Yxy(96.4214, 0.3132, 0.3334)$

Have a look what the booklet for
Yxy(96.4214, 0.3132, 0.3334)
contains.

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Color

Yxy(96.4759, 0.3137, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	F9FCF7
RGB	249, 252, 247
RGB Percent	98%, 99%, 97%
CMY	0.0236, 0.0117, 0.0312
CMYK	0.01, 0.00, 0.02, 0.01
HSL	97°, 45%, 98%
HSV	97°, 2%, 99%
XYZ	90.6665, 96.4759, 101.8806
YIQ	250.5330, -0.1830, -2.1910

Conversions

Conversions Part 2

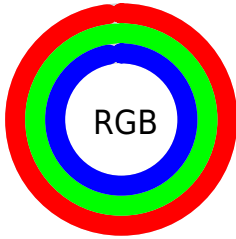
Format	Color
R _{YB}	247, 252, 250
Decimal	16383223
CIE Lab	98.62, -1.86, 2.01
CIE LCh	99, 2.734, 132.825
Yxy	96.4759, 0.3137, 0.3338
Android (android.graphics.Color)	4294573303 (0xFFFF9FCF7)
YUV	250.5330, -1.7418, -1.3444
Hunter-Lab	98.2221, -7.1196, 7.2571

Details

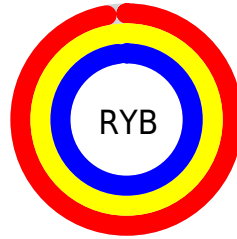
The Yxy color 96.4759, 0.3137, 0.3338 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.9218, 0.3117, 0.3242, and the grayscale version is 96.0796, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.1293, 0.3141, 0.3339 is the 20% darker color. If you saturate the color by 10%, you get 92.3129, 0.3187, 0.3598, and if you desaturate by 10%, it is 98.1052, 0.3128, 0.3262.

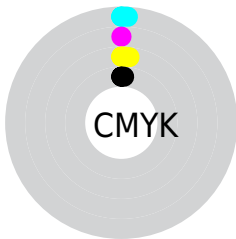
Distribution



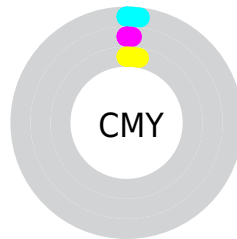
- Red (98%)
- Green (99%)
- Blue (97%)



- Red (97%)
- Yellow (99%)
- Blue (98%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)





- Cyan (2%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.4759, 0.3137, 0.3338 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 96.4759, 0.3137, 0.3338 by changing the saturation by 10% instead.

 96.4759, 0.3137,
0.3338

 96.4759, 0.3137,
0.3338


548.8792, 0.3133,
0.3317

 73.3640, 0.3138,
0.3343


156.3020, 0.3136,
0.3331

 54.2736, 0.3139,
0.3348


193.7851, 0.3135,
0.3328

 38.8205, 0.3140,
0.3355

236.8272, 0.3135,
0.3326

 26.6201, 0.3142,
0.3364

285.8129, 0.3134,
0.3323

 17.2881, 0.3144,
0.3375

341.1266, 0.3134,
0.3322

 10.4401, 0.3147,
0.3391

403.1526, 0.3133,

 5.6917, 0.3152,

0.3320

0.3414

472.2753, 0.3133,
0.3318

■ 2.6586, 0.3159,
0.3450

■ 0.9562, 0.3172,
0.3519

■ 96.4759, 0.3137,
0.3338

■ 96.4759, 0.3137,
0.3338

■ 92.3129, 0.3187,
0.3598

■ 98.1052, 0.3128,
0.3262

■ 88.5741, 0.3235,
0.3881

■ 85.2489, 0.3278,
0.4185

■ 82.3217, 0.3313,
0.4500

■ 79.7760, 0.3337,
0.4816

■ 77.5936, 0.3346,
0.5116

■ 75.7549, 0.3336,
0.5382

■ 74.2378, 0.3307,
0.5596

■ 73.0167, 0.3261,
0.5748

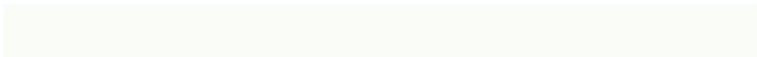
Harmonies

Analogous

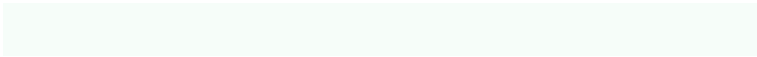
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.4759, 0.3165, 0.3342



96.4759, 0.3137, 0.3338



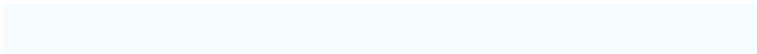
96.4759, 0.3107, 0.3321

Triad

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



96.4759, 0.3137, 0.3338



96.4759, 0.3072, 0.3248



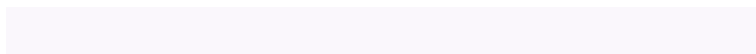
96.4759, 0.3172, 0.3284

Complementary

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



96.4759, 0.3137, 0.3338



93.9218, 0.3117, 0.3242

Split Complementary

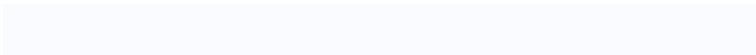
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.4759, 0.3148, 0.3260



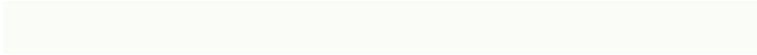
96.4759, 0.3137, 0.3338



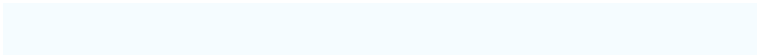
96.4759, 0.3090, 0.3239

Square

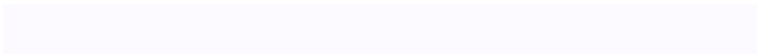
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



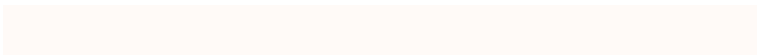
96.4759, 0.3137, 0.3338



96.4759, 0.3070, 0.3269



96.4759, 0.3117, 0.3243



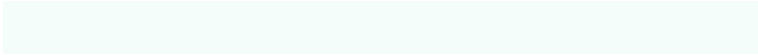
96.4759, 0.3185, 0.3311

Rectangle

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



96.4759, 0.3137, 0.3338



96.4759, 0.3089, 0.3305



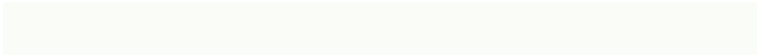
96.4759, 0.3117, 0.3243



96.4759, 0.3165, 0.3276

Sweetspot

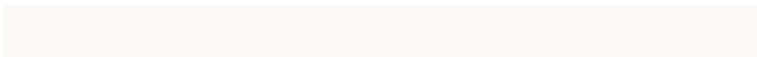
The Sweet Spot groups the original color and five complimentary colors.



96.4800, 0.3137, 0.3338



99.5425, 0.3132, 0.3314



95.8026, 0.3157, 0.3319



21.3110, 0.3132, 0.3313



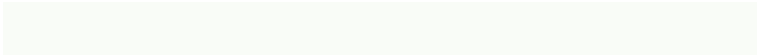
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



96.4800, 0.3137, 0.3338



99.0896, 0.3137, 0.3339



96.1585, 0.3122, 0.3333



20.3131, 0.3137, 0.3336



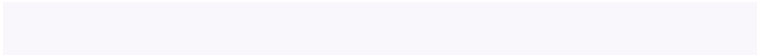
37.6982, 0.3228, 0.5819



3.5507, 0.3320, 0.5746

Inverse Universe

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



93.9218, 0.3117, 0.3242



96.4148, 0.3117, 0.3241



94.2484, 0.3132, 0.3247



19.7929, 0.3117, 0.3244



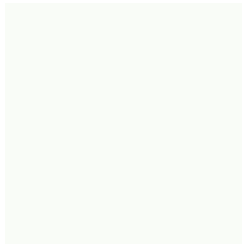
7.3267, 0.2255, 0.1016



0.7398, 0.2367, 0.1078

Previews

White Background



This preview shows how the Yxy color 96.4759, 0.3137, 0.3338 looks on a white background.

Color Contrast Check

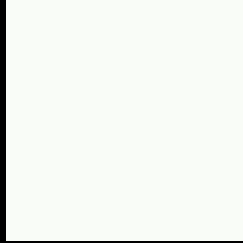
Large Text (above 18pt) WCAG AA × Fail

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 96.4759, 0.3137, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

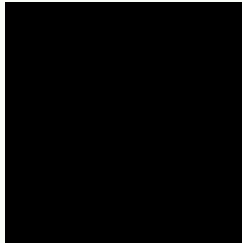
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

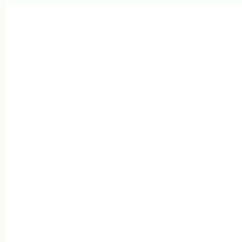
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.4759, 0.3137, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 96.4759, 0.3137, 0.3338.

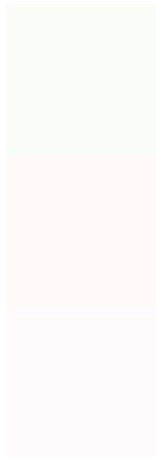


This preview shows how white text looks on a background with the Yxy color 96.4759, 0.3137, 0.3338.

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

96.4759, 0.3137, 0.3338

Protanopia

96.3466, 0.3177, 0.3319

Deuteranopia

96.5962, 0.3153, 0.3281

Tritanopia

96.1004, 0.3104, 0.3242

Trichromacy

Original Color

96.4759, 0.3137, 0.3338

Protanomaly

96.5924, 0.3163, 0.3329

Deuteranomaly

96.7791, 0.3146, 0.3300

Tritanomaly

96.3466, 0.3115, 0.3280

Monochromacy

Original Color

96.4759, 0.3137, 0.3338

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.2205, 0.3127, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.4759, 0.3137, 0.3338 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(249, 252, 247) looks like.

```
.text, #text, p{  
    color:rgb(249, 252, 247)  
}
```

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(249, 252, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 252, 247) }
```

Border

The CSS property to change the border of an element to Yxy 96.4759, 0.3137, 0.3338 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(249, 252, 247) }
```

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

```
.border{ border-color:rgb(249, 252, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 252, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 252, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 252, 247); box-shadow:4px 4px 4px 4px rgb(249, 252, 247) }
```


Background

The CSS property to change the background color of an element to Yxy 96.4759, 0.3137, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 252, 247) }
```

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

```
.background{ background-color: rgb(249,  
252, 247) }
```

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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