

Converting Colors

$Yxy(97.1103, 0.3141, 0.3358)$

Have a look what the booklet for
Yxy(97.1103, 0.3141, 0.3358)
contains.

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Color

Yxy(97.0441, 0.3143, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	F9FDF6
RGB	249, 253, 246
RGB Percent	98%, 99%, 96%
CMY	0.0234, 0.0078, 0.0354
CMYK	0.02, 0.00, 0.03, 0.01
HSL	94°, 64%, 98%
HSV	94°, 3%, 99%
XYZ	90.8307, 97.0441, 101.1189
YIQ	251.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

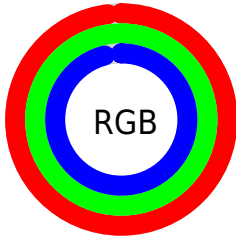
Format	Color
R _Y B	246, 253, 250
Decimal	16383478
CIE Lab	98.85, -2.53, 2.88
CIE LCh	99, 3.834, 131.282
Yxy	97.0441, 0.3143, 0.3358
Android (android.graphics.Color)	4294573558 (0xFFFF9FDF6)
YUV	251.0060, -2.4680, -1.7593
Hunter-Lab	98.5110, -7.8106, 8.0981

Details

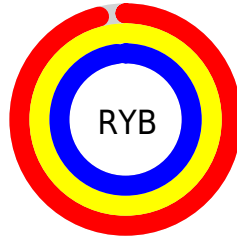
The Yxy color 97.0441, 0.3143, 0.3358 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.3107, 0.3111, 0.3222, and the grayscale version is 96.5003, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.5350, 0.3148, 0.3364 is the 20% darker color. If you saturate the color by 10%, you get 93.0637, 0.3200, 0.3619, and if you desaturate by 10%, it is 98.7311, 0.3128, 0.3271.

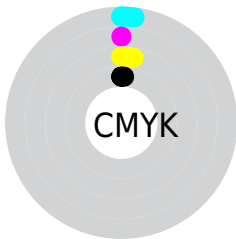
Distribution



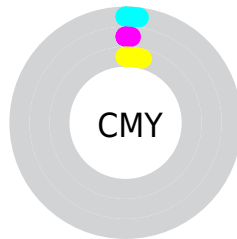
- Red (98%)
- Green (99%)
- Blue (96%)



- Red (96%)
- Yellow (99%)
- Blue (98%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)




- Cyan (2%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.0441, 0.3143, 0.3358 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 97.0441, 0.3143, 0.3358 by changing the saturation by 10% instead.


 97.0441, 0.3143,
0.3358

 97.0441, 0.3143,
0.3358


550.6884, 0.3136,
0.3328

 73.8374, 0.3144,
0.3365

157.0856, 0.3141,
0.3348

 54.6610, 0.3146,
0.3372


194.6892, 0.3140,
0.3344

 39.1304, 0.3148,
0.3382


237.8607, 0.3139,
0.3340

 26.8612, 0.3151,
0.3395

286.9843, 0.3138,
0.3337

 17.4690, 0.3155,
0.3411

342.4445, 0.3138,
0.3335

 10.5694, 0.3160,
0.3433

404.6256, 0.3137,

 5.7781, 0.3167,

0.3332

0.3466

473.9122, 0.3137,
0.3330

■ 2.7106, 0.3177,
0.3518

■ 0.9826, 0.3200,
0.3617

■ 97.0441, 0.3143,
0.3358

■ 97.0441, 0.3143,
0.3358

■ 93.0637, 0.3200,
0.3619

98.7311, 0.3128,
0.3271

■ 89.4789, 0.3255,
0.3902

■ 86.2801, 0.3305,
0.4203

■ 83.4528, 0.3347,
0.4514

■ 80.9814, 0.3376,
0.4823

■ 78.8491, 0.3389,
0.5113

■ 77.0372, 0.3382,
0.5369

■ 75.5249, 0.3355,
0.5574

■ 74.2879, 0.3308,
0.5718

Harmonies

Analogous

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



97.0441, 0.3181, 0.3362



97.0441, 0.3143, 0.3358



97.0441, 0.3101, 0.3335

Triad

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



97.0441, 0.3143, 0.3358



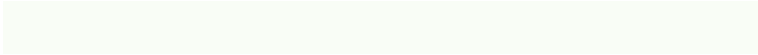
97.0441, 0.3050, 0.3233



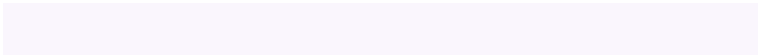
97.0441, 0.3189, 0.3280

Complementary

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



97.0441, 0.3143, 0.3358



93.3107, 0.3111, 0.3222

Split Complementary

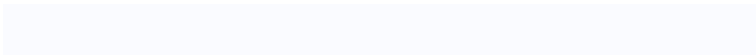
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.0441, 0.3154, 0.3246



97.0441, 0.3143, 0.3358



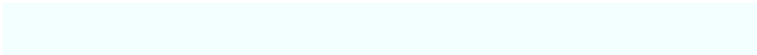
97.0441, 0.3073, 0.3219

Square

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



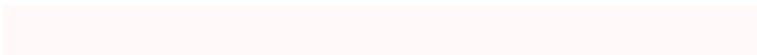
97.0441, 0.3143, 0.3358



97.0441, 0.3047, 0.3263



97.0441, 0.3111, 0.3224



97.0441, 0.3208, 0.3317

Rectangle

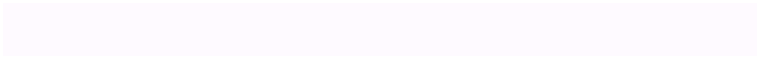
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.0441, 0.3143, 0.3358



97.0441, 0.3076, 0.3313



97.0441, 0.3111, 0.3224



97.0441, 0.3179, 0.3268

Sweetspot

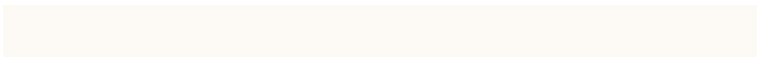
The Sweet Spot groups the original color and five complimentary colors.



97.0483, 0.3143, 0.3358



99.5638, 0.3133, 0.3314



95.8823, 0.3170, 0.3328



21.3154, 0.3133, 0.3313



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

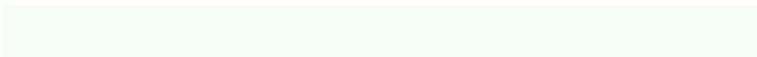
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.0483, 0.3143, 0.3358



98.7041, 0.3144, 0.3364



96.5228, 0.3121, 0.3354



21.0540, 0.3149, 0.3384



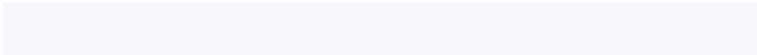
39.2038, 0.3278, 0.5779



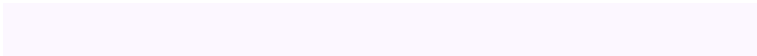
3.8803, 0.3366, 0.5709

Inverse Universe

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



93.3107, 0.3111, 0.3222



94.5925, 0.3110, 0.3216



93.8470, 0.3133, 0.3227



19.9447, 0.3105, 0.3197



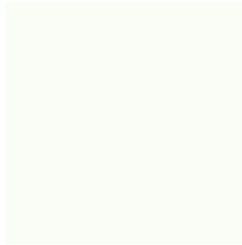
6.9847, 0.2157, 0.0962



0.7447, 0.2272, 0.1025

Previews

White Background



This preview shows how the Yxy color 97.0441, 0.3143, 0.3358 looks on a white background.

Color Contrast Check

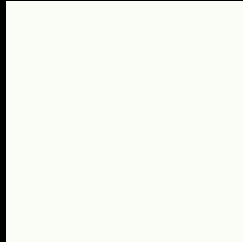
Large Text (above 18pt) WCAG AA × Fail

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 97.0441, 0.3143, 0.3358 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 97.0441, 0.3143, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 97.0441, 0.3143, 0.3358.

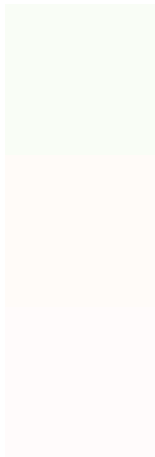


This preview shows how white text looks on a background with the Yxy color 97.0441, 0.3143, 0.3358.

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

97.0441, 0.3143, 0.3358

Protanopia

97.0317, 0.3170, 0.3319

Deuteranopia

97.2194, 0.3152, 0.3290

Tritanopia

96.9098, 0.3110, 0.3252

Trichromacy

Original Color

97.0441, 0.3143, 0.3358

Protanomaly

97.2189, 0.3163, 0.3338

Deuteranomaly

97.3430, 0.3151, 0.3319

Tritanomaly

97.1583, 0.3121, 0.3290

Monochromacy

Original Color

97.0441, 0.3143, 0.3358

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.7844, 0.3132, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.0441, 0.3143, 0.3358 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, 253, 246)` looks like.

```
.text, #text, p{  
    color:rgb(249, 253, 246)  
}
```

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, 253, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 253, 246) }
```

Border

The CSS property to change the border of an element to Yxy 97.0441, 0.3143, 0.3358 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, 253, 246) }
```

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

```
.border{ border-color:rgb(249, 253, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 253, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 253, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 253, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 253,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 97.0441, 0.3143, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 253, 246) }
```

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

```
.background{ background-color: rgb(249,  
253, 246) }
```

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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