

Converting Colors

$Yxy(95.9635, 0.3135, 0.3351)$

Have a look what the booklet for
Yxy(95.9635, 0.3135, 0.3351)
contains.

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Color

Yxy(96.0488, 0.3131, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	F7FCF6
RGB	247, 252, 246
RGB Percent	97%, 99%, 96%
CMY	0.0311, 0.0118, 0.0352
CMYK	0.02, 0.00, 0.02, 0.01
HSL	109°, 50%, 98%
HSV	109°, 2%, 99%
XYZ	89.8234, 96.0488, 101.0119
YIQ	249.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

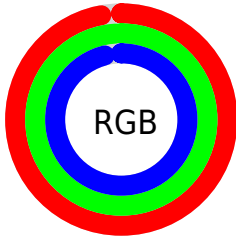
Format	Color
R_{YB}	246, 252, 251
Decimal	16252150
CIE _{Lab}	98.45, -2.66, 2.27
CIE _{LCh}	98, 3.496, 139.501
Y _{xy}	96.0488, 0.3131, 0.3348
Android (android.graphics.Color)	4294442230 (0xFFFF7FCF6)
Y_{UV}	249.8210, -1.8838, -2.4740
Hunter-Lab	98.0045, -7.9084, 7.4937

Details

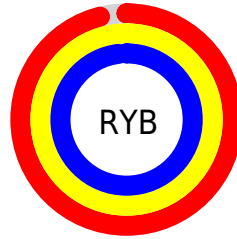
The Yxy color 96.0488, 0.3131, 0.3348 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.4513, 0.3123, 0.3232, and the grayscale version is 95.4707, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.8243, 0.3132, 0.3352 is the 20% darker color. If you saturate the color by 10%, you get 91.0382, 0.3146, 0.3613, and if you desaturate by 10%, it is 98.0907, 0.3129, 0.3261.

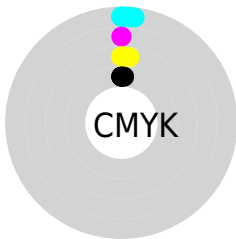
Distribution



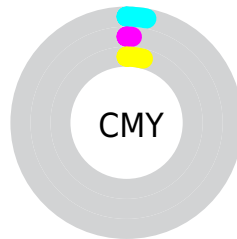
- Red (97%)
- Green (99%)
- Blue (96%)



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



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





- Cyan (3%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.0488, 0.3131, 0.3348 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 96.0488, 0.3131, 0.3348 by changing the saturation by 10% instead.

 96.0488, 0.3131,
0.3348

 96.0488, 0.3131,
0.3348

547.5172, 0.3129,
0.3322

 73.0082, 0.3131,
0.3354


155.7128, 0.3130,
0.3339

 53.9827, 0.3132,
0.3360


193.1049, 0.3130,
0.3336

 38.5878, 0.3132,
0.3369


236.0497, 0.3130,
0.3333

 26.4392, 0.3133,
0.3379

284.9316, 0.3130,
0.3330

 17.1525, 0.3134,
0.3393

340.1348, 0.3130,
0.3328

 10.3433, 0.3135,
0.3413

402.0439, 0.3130,

 5.6272, 0.3136,

0.3326

0.3441

471.0432, 0.3130,
0.3324

■ 2.6197, 0.3138,
0.3486

■ 0.9366, 0.3145,
0.3573

■ 96.0488, 0.3131,
0.3348

■ 96.0488, 0.3131,
0.3348

■ 91.0382, 0.3146,
0.3613

■ 98.0907, 0.3129,
0.3261

■ 86.6321, 0.3159,
0.3907

■ 82.8113, 0.3169,
0.4229

■ 79.5509, 0.3172,
0.4569

■ 76.8240, 0.3169,
0.4913

■ 74.6016, 0.3157,
0.5240

■ 72.8518, 0.3136,
0.5527

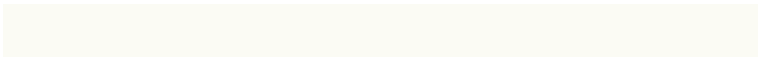
■ 71.5390, 0.3107,
0.5751

■ 70.6218, 0.3073,
0.5898

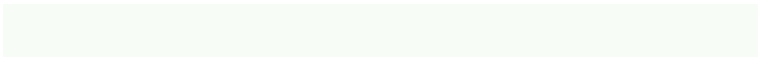
Harmonies

Analogous

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



96.0488, 0.3168, 0.3357



96.0488, 0.3131, 0.3348



96.0488, 0.3093, 0.3323

Triad

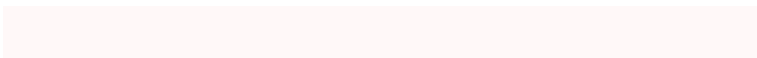
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.0488, 0.3131, 0.3348



96.0488, 0.3061, 0.3233



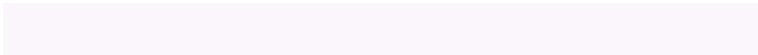
96.0488, 0.3190, 0.3290

Complementary

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



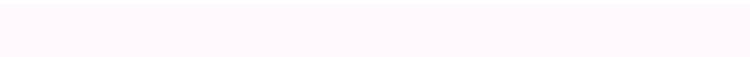
96.0488, 0.3131, 0.3348



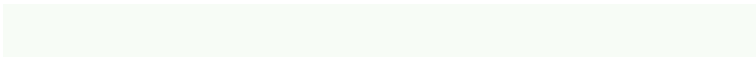
93.4513, 0.3123, 0.3232

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.



96.0488, 0.3161, 0.3257



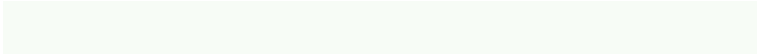
96.0488, 0.3131, 0.3348



96.0488, 0.3086, 0.3224

Square

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



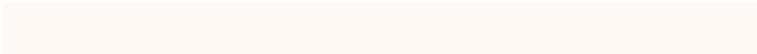
96.0488, 0.3131, 0.3348



96.0488, 0.3053, 0.3256



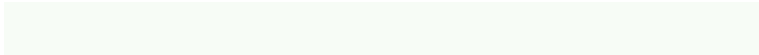
96.0488, 0.3123, 0.3233



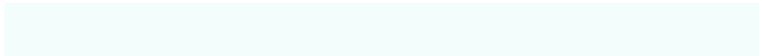
96.0488, 0.3203, 0.3323

Rectangle

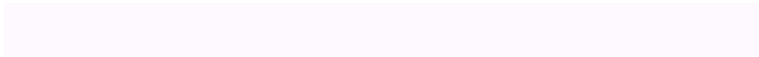
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



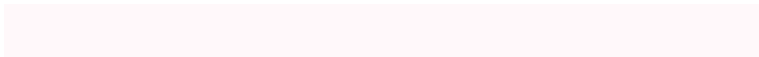
96.0488, 0.3131, 0.3348



96.0488, 0.3072, 0.3301



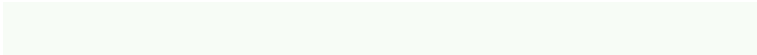
96.0488, 0.3123, 0.3233



96.0488, 0.3182, 0.3279

Sweetspot

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



96.0529, 0.3131, 0.3348



99.4403, 0.3129, 0.3314



96.2742, 0.3163, 0.3337



21.2902, 0.3129, 0.3313



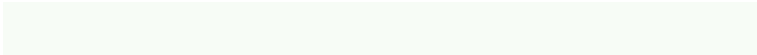
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



96.0529, 0.3131, 0.3348



98.3403, 0.3132, 0.3364



95.9797, 0.3113, 0.3330



20.0621, 0.3133, 0.3384



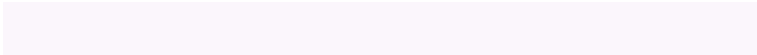
36.5915, 0.3055, 0.5957



3.4283, 0.3123, 0.5902

Inverse Universe

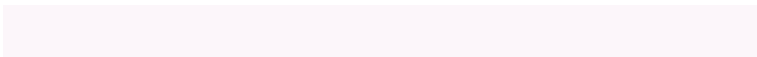
The Inverse Universe completely reimagines the original color for something new.



93.4513, 0.3123, 0.3232



94.9621, 0.3122, 0.3217



93.5269, 0.3141, 0.3251



19.1913, 0.3121, 0.3197



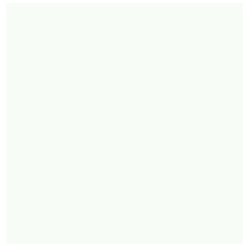
10.6878, 0.2768, 0.1299



1.0289, 0.2824, 0.1329

Previews

White Background



This preview shows how the Yxy color 96.0488, 0.3131, 0.3348 looks on a white background.

Color Contrast Check

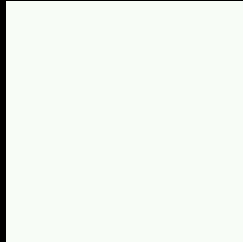
Large Text (above 18pt) WCAG AA × Fail

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 96.0488, 0.3131, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

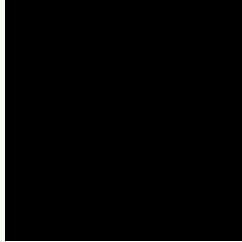
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

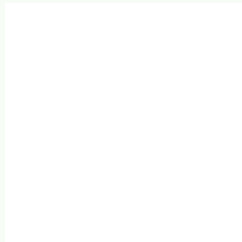
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.0488, 0.3131, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 96.0488, 0.3131, 0.3348.

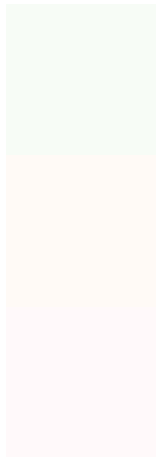


This preview shows how white text looks on a background with the Yxy color 96.0488, 0.3131, 0.3348.

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

96.0488, 0.3131, 0.3348

Protanopia

96.2850, 0.3183, 0.3329

Deuteranopia

95.9135, 0.3159, 0.3281

Tritanopia

95.9152, 0.3098, 0.3242

Trichromacy



Original Color

96.0488, 0.3131, 0.3348

Protanomaly

96.3436, 0.3163, 0.3338

Deuteranomaly

95.9062, 0.3146, 0.3300

Tritanomaly

96.1624, 0.3109, 0.3280

Monochromacy



Original Color

96.0488, 0.3131, 0.3348

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.9737, 0.3126, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.0488, 0.3131, 0.3348 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(247, 252, 246)` looks like.

```
.text, #text, p{  
    color:rgb(247, 252, 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(247, 252, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 252, 246) }
```

Border

The CSS property to change the border of an element to Yxy 96.0488, 0.3131, 0.3348 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(247, 252, 246) }
```

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

```
.border{ border-color:rgb(247, 252, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 252, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 252, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 252, 246);  
box-shadow:4px 4px 4px 4px rgb(247, 252,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 96.0488, 0.3131, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 252, 246) }
```

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

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