

Converting Colors

$Yxy(96.6278, 0.3144, 0.3388)$

Have a look what the booklet for
Yxy(96.6278, 0.3144, 0.3388)
contains.

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Color

Yxy(96.4958, 0.3148, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	F7FDF3
RGB	247, 253, 243
RGB Percent	97%, 99%, 95%
CMY	0.0313, 0.0078, 0.0472
CMYK	0.02, 0.00, 0.04, 0.01
HSL	96°, 72%, 97%
HSV	96°, 4%, 99%
XYZ	89.6602, 96.4958, 98.6604
YIQ	250.0660, -0.3660, -4.3820

Conversions

Conversions Part 2

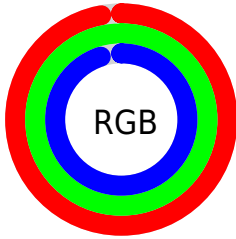
Format	Color
R _Y B	243, 253, 249
Decimal	16252403
CIE Lab	98.63, -3.72, 4.10
CIE LCh	99, 5.538, 132.207
Yxy	96.4958, 0.3148, 0.3388
Android (android.graphics.Color)	4294442483 (0xFFFF7FDF3)
YUV	250.0660, -3.4835, -2.6889
Hunter-Lab	98.2323, -8.9830, 9.2142

Details

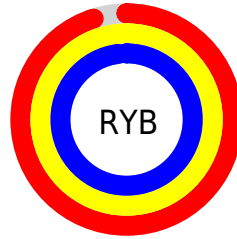
The Yxy color 96.4958, 0.3148, 0.3388 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.2987, 0.3106, 0.3192, and the grayscale version is 95.6879, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.1441, 0.3154, 0.3402 is the 20% darker color. If you saturate the color by 10%, you get 92.4441, 0.3200, 0.3652, and if you desaturate by 10%, it is 98.7337, 0.3128, 0.3271.

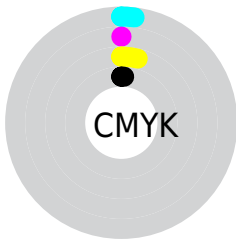
Distribution



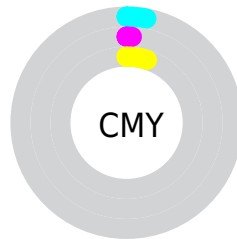
- Red (97%)
- Green (99%)
- Blue (95%)



- Red (95%)
- Yellow (99%)
- Blue (98%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)




- Cyan (3%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.4958, 0.3148, 0.3388 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 96.4958, 0.3148, 0.3388 by changing the saturation by 10% instead.

 96.4958, 0.3148,
0.3388

 96.4958, 0.3148,
0.3388


548.9426, 0.3139,
0.3345

 73.3806, 0.3150,
0.3397


156.3295, 0.3145,
0.3373

 54.2872, 0.3152,
0.3409


193.8167, 0.3144,
0.3368

 38.8313, 0.3155,
0.3423


236.8634, 0.3143,
0.3362

 26.6285, 0.3159,
0.3441

285.8540, 0.3142,
0.3358

 17.2944, 0.3163,
0.3465

341.1728, 0.3141,
0.3354

 10.4446, 0.3170,
0.3498

403.2042, 0.3140,

 5.6947, 0.3178,

0.3351

0.3546

472.3327, 0.3140,
0.3348

■ 2.6604, 0.3192,
0.3622

■ 0.9571, 0.3233,
0.3787

■ 96.4958, 0.3148,
0.3388

■ 96.4958, 0.3148,
0.3388

■ 92.4441, 0.3200,
0.3652

98.7337, 0.3128,
0.3271

■ 88.8068, 0.3250,
0.3940

■ 85.5734, 0.3294,
0.4245

■ 82.7284, 0.3330,
0.4560

■ 80.2553, 0.3353,
0.4872

■ 78.1361, 0.3360,
0.5164

■ 76.3510, 0.3348,
0.5419

■ 74.8778, 0.3316,
0.5620

■ 73.6903, 0.3267,
0.5758

Harmonies

Analogous

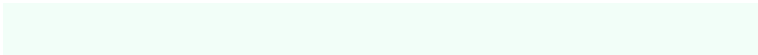
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.4958, 0.3204, 0.3395



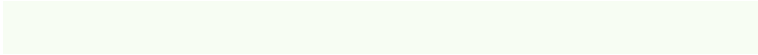
96.4958, 0.3148, 0.3388



96.4958, 0.3087, 0.3354

Triad

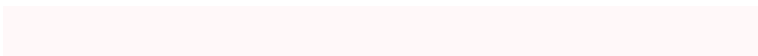
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.4958, 0.3148, 0.3388



96.4958, 0.3016, 0.3206



96.4958, 0.3218, 0.3277

Complementary

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



96.4958, 0.3148, 0.3388



91.2987, 0.3106, 0.3192

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.



96.4958, 0.3167, 0.3228



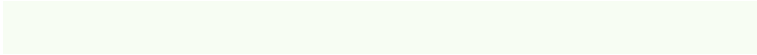
96.4958, 0.3148, 0.3388



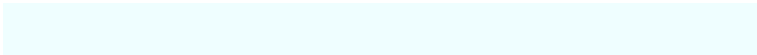
96.4958, 0.3050, 0.3187

Square

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



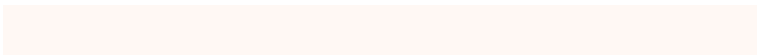
96.4958, 0.3148, 0.3388



96.4958, 0.3011, 0.3248



96.4958, 0.3106, 0.3195



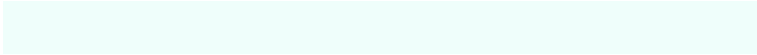
96.4958, 0.3245, 0.3330

Rectangle

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



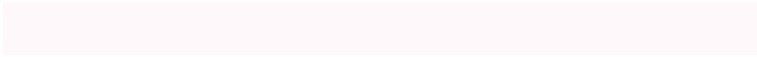
96.4958, 0.3148, 0.3388



96.4958, 0.3052, 0.3321



96.4958, 0.3106, 0.3195



96.4958, 0.3203, 0.3259

Sweetspot

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



96.5000, 0.3148, 0.3388



99.5498, 0.3132, 0.3314



94.9919, 0.3189, 0.3347



21.3125, 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.



96.5000, 0.3148, 0.3388



97.7933, 0.3153, 0.3414



95.8205, 0.3118, 0.3380



20.8673, 0.3157, 0.3432



38.9606, 0.3244, 0.5806



3.8552, 0.3332, 0.5736

Inverse Universe

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



91.2987, 0.3106, 0.3192



91.1690, 0.3100, 0.3167



91.9994, 0.3137, 0.3201



19.2578, 0.3096, 0.3149



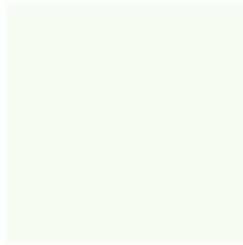
7.3474, 0.2220, 0.0997



0.7791, 0.2330, 0.1057

Previews

White Background



This preview shows how the Yxy color 96.4958, 0.3148, 0.3388 looks on a white background.

Color Contrast Check

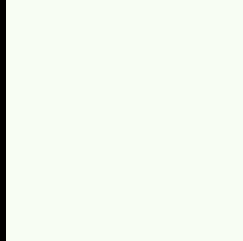
Large Text (above 18pt) WCAG AA × Fail

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 96.4958, 0.3148, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

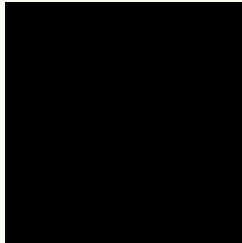
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

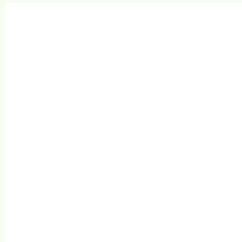
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.4958, 0.3148, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 96.4958, 0.3148, 0.3388.

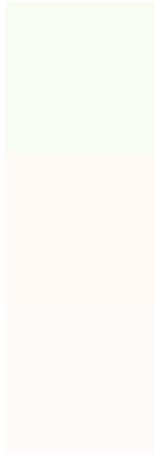


This preview shows how white text looks on a background with the Yxy color 96.4958, 0.3148, 0.3388.

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

96.4958, 0.3148, 0.3388

Protanopia

96.2238, 0.3188, 0.3338

Deuteranopia

96.5333, 0.3159, 0.3290

Tritanopia

96.7236, 0.3104, 0.3252

Trichromacy



Original Color

96.4958, 0.3148, 0.3388

Protanomaly

96.2215, 0.3175, 0.3358

Deuteranomaly

96.4052, 0.3157, 0.3329

Tritanomaly

96.9098, 0.3120, 0.3300

Monochromacy



Original Color

96.4958, 0.3148, 0.3388

Achromatopsia

95.5973, 0.3127, 0.3290

Achromatomaly

95.8495, 0.3138, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.4958, 0.3148, 0.3388 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, 253, 243)` looks like.

```
.text, #text, p{  
    color:rgb(247, 253, 243)  
}
```

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, 253, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 253, 243) }
```

Border

The CSS property to change the border of an element to Yxy 96.4958, 0.3148, 0.3388 is called "border". The border property can be set on classes, ids or directly on the HTML element.

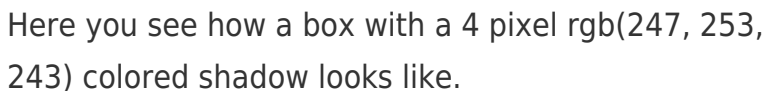
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 253, 243) }
```

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

```
.border{ border-color:rgb(247, 253, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 253, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 253, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 253, 243); box-shadow:4px 4px 4px 4px rgb(247, 253, 243) }
```


Background

The CSS property to change the background color of an element to Yxy 96.4958, 0.3148, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 253, 243) }
```

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

```
.background{ background-color: rgb(247,  
253, 243) }
```

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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