

# Converting Colors

Yxy(96.0628, 0.3165, 0.3379)

Have a look what the booklet for  
Yxy(96.0628, 0.3165, 0.3379)  
contains.

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# Color

**Yxy(96.2316, 0.3161, 0.3378)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9FCF3
RGB	249, 252, 243
RGB Percent	98%, 99%, 95%
CMY	0.0235, 0.0117, 0.0472
CMYK	0.01, 0.00, 0.04, 0.01
HSL	80°, 60%, 97%
HSV	80°, 4%, 99%
XYZ	90.0498, 96.2316, 98.5961
YIQ	250.0770, 1.1010, -3.4350

# Conversions

## Conversions Part 2

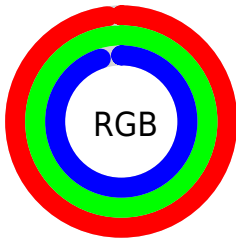
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	243, 252, 246
Decimal	16383219
CIE Lab	98.52, -2.56, 3.96
CIE LCh	99, 4.718, 122.856
Yxy	96.2316, 0.3161, 0.3378
Android (android.graphics.Color)	4294573299 (0xFF9FCF3)
YUV	250.0770, -3.4890, -0.9445
Hunter-Lab	98.0977, -7.8151, 9.0772

# Details

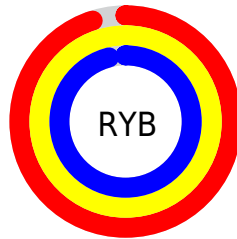
The Yxy color 96.2316, 0.3161, 0.3378 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.7009, 0.3093, 0.3201, and the grayscale version is 95.6945, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.9555, 0.3171, 0.3389 is the 20% darker color. If you saturate the color by 10%, you get 93.3073, 0.3256, 0.3635, and if you desaturate by 10%, it is 98.1074, 0.3128, 0.3262.

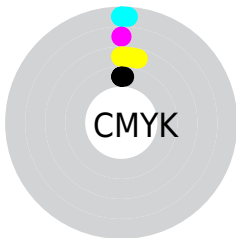
# Distribution



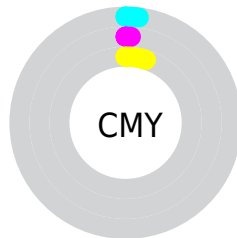
- Red (98%)
- Green (99%)
- Blue (95%)



- Red (95%)
- Yellow (99%)
- Blue (96%)



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




- Cyan (2%)
- Magenta (1%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 96.2316, 0.3161, 0.3378 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 96.2316, 0.3161, 0.3378 by changing the saturation by 10% instead.



 96.2316, 0.3161,  
0.3378

 96.2316, 0.3161,  
0.3378

548.1003, 0.3146,  
0.3339

 73.1605, 0.3164,  
0.3386


155.9650, 0.3156,  
0.3365

 54.1072, 0.3168,  
0.3397


193.3961, 0.3154,  
0.3360

 38.6874, 0.3173,  
0.3410


236.3826, 0.3152,  
0.3355

 26.5166, 0.3179,  
0.3426

285.3089, 0.3151,  
0.3351

 17.2105, 0.3187,  
0.3447

340.5594, 0.3149,  
0.3348

 10.3847, 0.3197,  
0.3476

402.5186, 0.3148,

 5.6548, 0.3213,

0.3345

0.3519

471.5708, 0.3147,  
0.3342

■ 2.6363, 0.3237,  
0.3587

■ 0.9450, 0.3298,  
0.3735

■ 96.2316, 0.3161,  
0.3378

■ 96.2316, 0.3161,  
0.3378

■ 93.3073, 0.3256,  
0.3635

■ 98.1074, 0.3128,  
0.3262

■ 90.6474, 0.3351,  
0.3908

■ 88.2463, 0.3441,  
0.4188

■ 86.0931, 0.3522,  
0.4469

■ 84.1765, 0.3589,  
0.4739

■ 82.4838, 0.3637,  
0.4984

■ 81.0008, 0.3661,  
0.5193

■ 79.7113, 0.3660,  
0.5356

■ 78.5958, 0.3634,  
0.5468

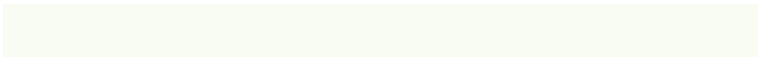
# Harmonies

## Analogous

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



96.2316, 0.3204, 0.3376



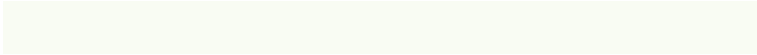
96.2316, 0.3161, 0.3378



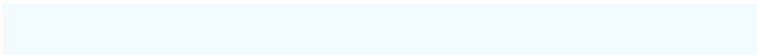
96.2316, 0.3109, 0.3356

# Triad

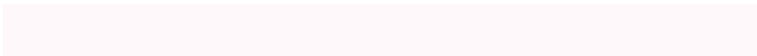
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.2316, 0.3161, 0.3378



96.2316, 0.3028, 0.3228



96.2316, 0.3193, 0.3265

# Complementary

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



96.2316, 0.3161, 0.3378



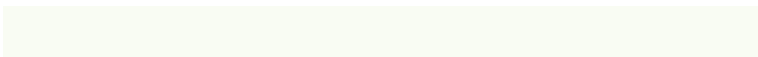
90.7009, 0.3093, 0.3201

# 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.



96.2316, 0.3145, 0.3226



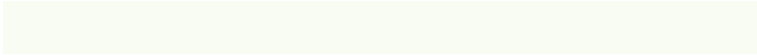
96.2316, 0.3161, 0.3378



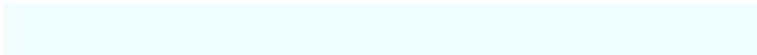
96.2316, 0.3050, 0.3205

# Square

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



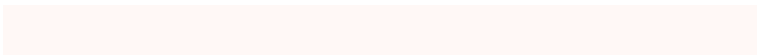
96.2316, 0.3161, 0.3378



96.2316, 0.3032, 0.3269



96.2316, 0.3093, 0.3204



96.2316, 0.3223, 0.3311

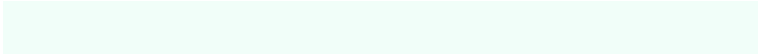


# Rectangle

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



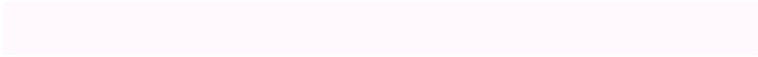
96.2316, 0.3161, 0.3378



96.2316, 0.3076, 0.3330



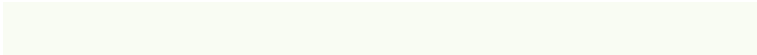
96.2316, 0.3093, 0.3204



96.2316, 0.3178, 0.3251

# Sweetspot

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



96.2358, 0.3161, 0.3378



99.6760, 0.3137, 0.3314



92.9758, 0.3184, 0.3318



21.3382, 0.3136, 0.3313



0.0000, 0.0000, 0.0000

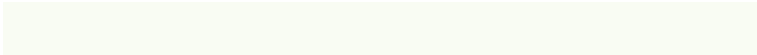


21.4041, 0.3127, 0.3290



# Same Dimension

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



96.2358, 0.3161, 0.3378



98.7213, 0.3165, 0.3388



95.4419, 0.3133, 0.3379



20.1806, 0.3172, 0.3407



40.6874, 0.3617, 0.5510



3.8263, 0.3687, 0.5455



# Inverse Universe

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



90.7009, 0.3093, 0.3201



92.3968, 0.3088, 0.3191



91.5005, 0.3121, 0.3202



18.6517, 0.3081, 0.3172



4.7143, 0.1744, 0.0734

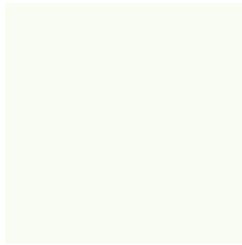


0.4920, 0.1872, 0.0805



# Previews

## White Background



This preview shows how the Yxy color 96.2316, 0.3161, 0.3378 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

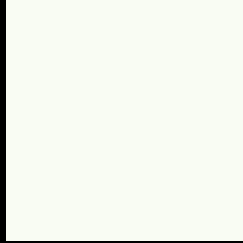
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 96.2316, 0.3161, 0.3378 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

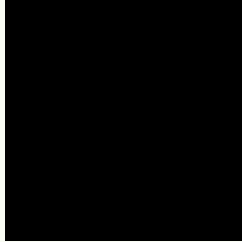
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

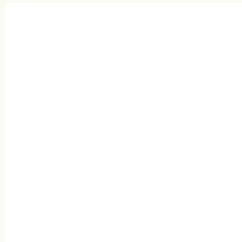
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 96.2316, 0.3161, 0.3378**

## **Background**



This preview shows how black text looks on a background with the Yxy color 96.2316, 0.3161, 0.3378.

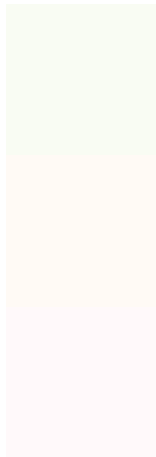


This preview shows how white text looks on a background with the Yxy color 96.2316, 0.3161, 0.3378.

# 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

96.2316, 0.3161, 0.3378

### Protanopia

96.2238, 0.3188, 0.3338

### Deuteranopia

95.9135, 0.3159, 0.3281

## **Tritanopia**

96.1004, 0.3104, 0.3242

# Trichromacy



**Original Color**

96.2316, 0.3161, 0.3378

**Protanomaly**

96.4087, 0.3181, 0.3358

**Deuteranomaly**

95.9693, 0.3164, 0.3319

**Tritanomaly**

96.2834, 0.3121, 0.3290

# Monochromacy



**Original Color**

96.2316, 0.3161, 0.3378

**Achromatopsia**

95.5973, 0.3127, 0.3290

**Achromatomaly**

96.0338, 0.3144, 0.3329

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  96.2316, 0.3161, 0.3378 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  $rgb(249, 252, 243)$  looks like.

```
.text, #text, p{  
    color:rgb(249, 252, 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(249, 252, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 252, 243) }
```

## Border

The CSS property to change the border of an element to Yxy 96.2316, 0.3161, 0.3378 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, 243) }
```

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

```
.border{ border-color:rgb(249, 252, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 252, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 252, 243);  
box-shadow:4px 4px 4px 4px rgb(249, 252,  
243) }
```



# Background

The CSS property to change the background color of an element to Yxy 96.2316, 0.3161, 0.3378 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, 243) }
```

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

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