

Converting Colors

Yxy(96.8419, 0.3159, 0.3354)

Have a look what the booklet for
Yxy(96.8419, 0.3159, 0.3354)
contains.

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Color

Yxy(96.7839, 0.3156, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	FBFCF6
RGB	251, 252, 246
RGB Percent	98%, 99%, 96%
CMY	0.0156, 0.0118, 0.0353
CMYK	0.00, 0.00, 0.02, 0.01
HSL	70°, 50%, 98%
HSV	70°, 2%, 99%
XYZ	91.2336, 96.7839, 101.0623
YIQ	251.0170, 1.3300, -2.0780

Conversions

Conversions Part 2

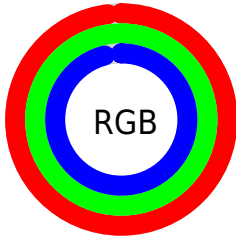
Format	Color
R_{YB}	246, 252, 247
Decimal	16514294
CIE Lab	98.74, -1.36, 2.74
CIE LCh	99, 3.059, 116.389
Yxy	96.7839, 0.3156, 0.3348
Android (android.graphics.Color)	4294704374 (0xFFFBFCF6)
YUV	251.0170, -2.4734, -0.0149
Hunter-Lab	98.3788, -6.6273, 7.9579

Details

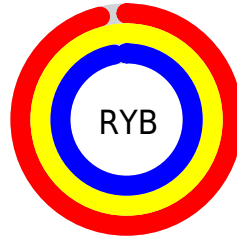
The Yxy color 96.7839, 0.3156, 0.3348 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.7129, 0.3098, 0.3232, and the grayscale version is 96.5093, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.3500, 0.3164, 0.3351 is the 20% darker color. If you saturate the color by 10%, you get 94.5866, 0.3279, 0.3600, and if you desaturate by 10%, it is 98.1012, 0.3128, 0.3262.

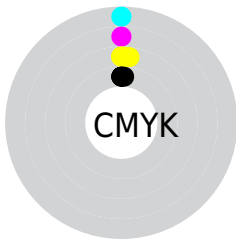
Distribution



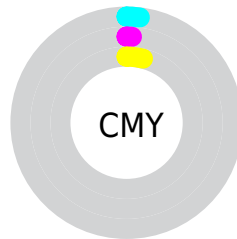
- Red (98%)
- Green (99%)
- Blue (96%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.7839, 0.3156, 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 96.7839, 0.3156, 0.3348 by changing the saturation by 10% instead.


 96.7839, 0.3156,
0.3348

 96.7839, 0.3156,
0.3348

549.8603, 0.3143,
0.3323

 73.6206, 0.3159,
0.3354

156.7268, 0.3152,
0.3339

 54.4836, 0.3162,
0.3360


194.2753, 0.3150,
0.3336

 38.9884, 0.3166,
0.3369


237.3876, 0.3149,
0.3333

 26.7507, 0.3171,
0.3379

286.4481, 0.3147,
0.3330

 17.3861, 0.3178,
0.3393

341.8412, 0.3146,
0.3328

 10.5101, 0.3187,
0.3412

403.9514, 0.3145,

 5.7385, 0.3201,

0.3326

0.3440

473.1629, 0.3144,
0.3324

■ 2.6867, 0.3221,
0.3483

■ 0.9705, 0.3263,
0.3567

■ 96.7839, 0.3156,
0.3348

■ 96.7839, 0.3156,
0.3348

■ 94.5866, 0.3279,
0.3600

■ 98.1012, 0.3128,
0.3262

■ 92.6033, 0.3404,
0.3862

■ 90.8290, 0.3525,
0.4127

■ 89.2540, 0.3639,
0.4386

■ 87.8677, 0.3738,
0.4629

■ 86.6586, 0.3819,
0.4844

■ 85.6136, 0.3876,
0.5022

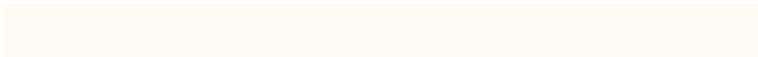
■ 84.7176, 0.3907,
0.5156

■ 83.9525, 0.3912,
0.5243

Harmonies

Analogous

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



96.7839, 0.3182, 0.3344



96.7839, 0.3156, 0.3348



96.7839, 0.3123, 0.3337

Triad

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



96.7839, 0.3156, 0.3348



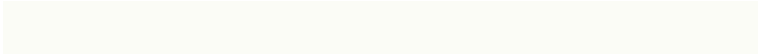
96.7839, 0.3062, 0.3255



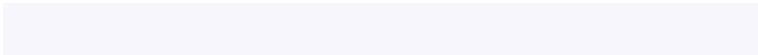
96.7839, 0.3164, 0.3268

Complementary

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



96.7839, 0.3156, 0.3348



92.7129, 0.3098, 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.



96.7839, 0.3132, 0.3244



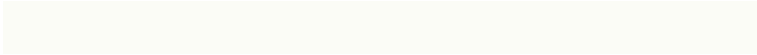
96.7839, 0.3156, 0.3348



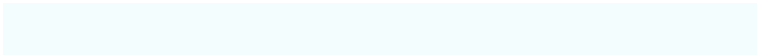
96.7839, 0.3073, 0.3237

Square

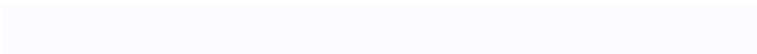
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.7839, 0.3156, 0.3348



96.7839, 0.3069, 0.3283



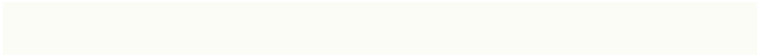
96.7839, 0.3098, 0.3233



96.7839, 0.3186, 0.3297

Rectangle

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



96.7839, 0.3156, 0.3348



96.7839, 0.3101, 0.3322



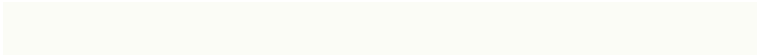
96.7839, 0.3098, 0.3233



96.7839, 0.3154, 0.3259

Sweetspot

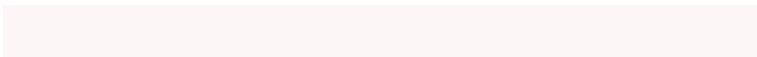
The Sweet Spot groups the original color and five complimentary colors.



96.7881, 0.3156, 0.3348



99.7578, 0.3139, 0.3314



93.8115, 0.3165, 0.3299



21.3548, 0.3139, 0.3313



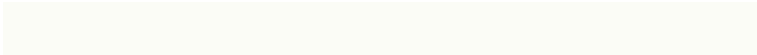
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



96.7881, 0.3156, 0.3348



99.2804, 0.3164, 0.3363



96.2504, 0.3138, 0.3348



20.3044, 0.3173, 0.3383



43.5181, 0.3907, 0.5280



4.0676, 0.3943, 0.5251

Inverse Universe

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



92.7129, 0.3098, 0.3232



94.0224, 0.3090, 0.3216



93.2474, 0.3116, 0.3232



18.9491, 0.3080, 0.3196



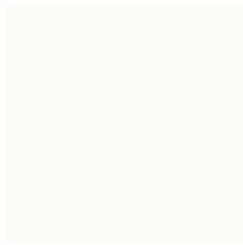
3.9504, 0.1570, 0.0638



0.4037, 0.1664, 0.0690

Previews

White Background



This preview shows how the Yxy color 96.7839, 0.3156, 0.3348 looks on a white background.

Color Contrast Check

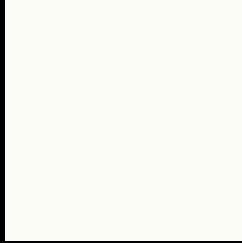
Large Text (above 18pt) WCAG AA × Fail

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 96.7839, 0.3156, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

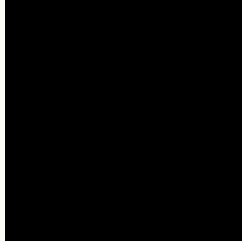
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

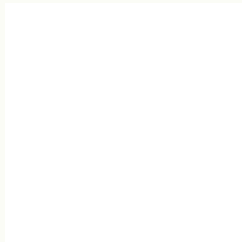
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.7839, 0.3156, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 96.7839, 0.3156, 0.3348.



This preview shows how white text looks on a background with the Yxy color 96.7839, 0.3156, 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

96.7839, 0.3156, 0.3348

Protanopia

96.9698, 0.3176, 0.3329

Deuteranopia

96.5962, 0.3153, 0.3281

Tritanopia

96.9098, 0.3110, 0.3252

Trichromacy

Original Color

96.7839, 0.3156, 0.3348

Protanomaly

96.7806, 0.3170, 0.3329

Deuteranomaly

96.9047, 0.3158, 0.3309

Tritanomaly

96.7181, 0.3128, 0.3280

Monochromacy

Original Color

96.7839, 0.3156, 0.3348

Achromatopsia

96.4686, 0.3127, 0.3290

Achromatomaly

96.3431, 0.3139, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.7839, 0.3156, 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 $rgb(251, 252, 246)$ looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 252, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 252, 246) }
```

Border

The CSS property to change the border of an element to Yxy 96.7839, 0.3156, 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(251, 252, 246) }
```

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

```
.border{ border-color:rgb(251, 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(251, 252, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 252, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 252, 246); box-shadow:4px 4px 4px 4px rgb(251, 252, 246) }
```


Background

The CSS property to change the background color of an element to Yxy 96.7839, 0.3156, 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(251, 252, 246) }
```

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

```
.background{ background-color: rgb(251,  
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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