

# Converting Colors

$Yxy(97.0317, 0.3156, 0.3338)$

Have a look what the booklet for  
Yxy(97.0317, 0.3156, 0.3338)  
contains.

**Yxy(97.0317, 0.3156, 0.3338)** ..... 3  
    ***Conversions*** ..... 4  
    ***Details*** ..... 6  
    ***Harmonies*** ..... 12  
    ***Previews*** ..... 24  
    ***Color Blindness Simulation*** ..... 27  
    ***CSS Examples*** ..... 30

# **Color**

**Yxy(97.0317, 0.3156, 0.3338)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCFCF7
RGB	252, 252, 247
RGB Percent	99%, 99%, 97%
CMY	0.0119, 0.0117, 0.0312
CMYK	0.00, 0.00, 0.02, 0.01
HSL	60°, 45%, 98%
HSV	60°, 2%, 99%
XYZ	91.7412, 97.0317, 101.9153
YIQ	251.4300, 1.6050, -1.5550

# Conversions

## Conversions Part 2

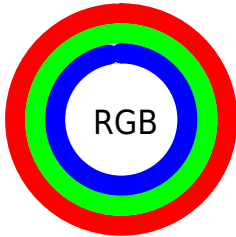
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 252, 247
Decimal	16579831
CIE Lab	98.84, -0.87, 2.36
CIE LCh	99, 2.516, 110.188
Yxy	97.0317, 0.3156, 0.3338
Android (android.graphics.Color)	4294769911 (0xFFFCFCF7)
YUV	251.4300, -2.1840, 0.4999
Hunter-Lab	98.5047, -6.1393, 7.6104

# Details

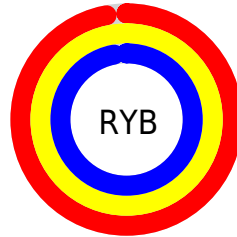
The Yxy color 97.0317, 0.3156, 0.3338 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.3574, 0.3098, 0.3242, and the grayscale version is 96.8647, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.3939, 0.3157, 0.3339 is the 20% darker color. If you saturate the color by 10%, you get 95.5520, 0.3305, 0.3587, and if you desaturate by 10%, it is 97.5698, 0.3111, 0.3261.

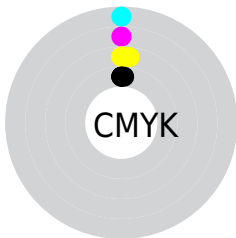
# Distribution



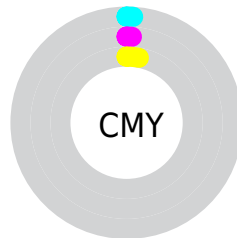
- Red (99%)
- Green (99%)
- Blue (97%)



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



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




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


# Brightness & Saturation Gradients

These gradients show how the Yxy color 97.0317, 0.3156, 0.3338 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 97.0317, 0.3156, 0.3338 by changing the saturation by 10% instead.




 97.0317, 0.3156,  
0.3338

 97.0317, 0.3156,  
0.3338

550.6490, 0.3143,  
0.3317

 73.8271, 0.3159,  
0.3343


157.0685, 0.3152,  
0.3331

 54.6525, 0.3162,  
0.3348


194.6695, 0.3150,  
0.3328

 39.1236, 0.3166,  
0.3355

237.8381, 0.3149,  
0.3326

 26.8559, 0.3171,  
0.3364

286.9587, 0.3147,  
0.3323

 17.4650, 0.3178,  
0.3375

342.4157, 0.3146,  
0.3322

 10.5666, 0.3187,  
0.3391

404.5935, 0.3145,

 5.7762, 0.3201,

0.3320

473.8765, 0.3144,  
0.3318

0.3413

■ 2.7095, 0.3222,  
0.3449

■ 0.9820, 0.3261,  
0.3515

■ 97.0317, 0.3156,  
0.3338

■ 97.0317, 0.3156,  
0.3338

■ 95.5520, 0.3305,  
0.3587

■ 97.5698, 0.3111,  
0.3261

■ 94.2701, 0.3457,  
0.3841


■ 97.6012, 0.3112,  
0.3261


■ 93.1811, 0.3608,  
0.4092


■ 97.6326, 0.3113,  
0.3261


■ 92.2756, 0.3750,  
0.4331

■ 97.6641, 0.3114,  
0.3261

 91.5431, 0.3880,  
0.4548


 97.6956, 0.3115,  
0.3261

 90.9720, 0.3990,  
0.4733

 97.7271, 0.3116,  
0.3261


 90.5496, 0.4076,  
0.4879

 97.7587, 0.3117,  
0.3261

 90.2610, 0.4136,  
0.4981

 97.7903, 0.3118,  
0.3261

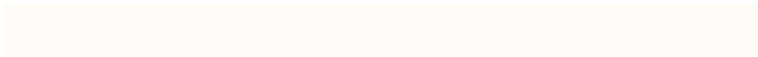
 90.0885, 0.4170,  
0.5040

 97.8219, 0.3119,  
0.3261

# Harmonies

## Analogous

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



97.0317, 0.3175, 0.3332



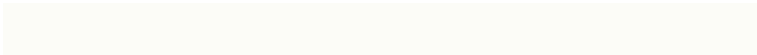
97.0317, 0.3156, 0.3338



97.0317, 0.3129, 0.3331

# Triad

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



97.0317, 0.3156, 0.3338



97.0317, 0.3074, 0.3266



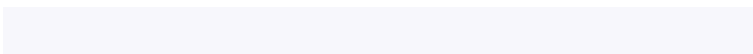
97.0317, 0.3152, 0.3267

# Complementary

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



97.0317, 0.3156, 0.3338



93.3574, 0.3098, 0.3242

# Split Complementary

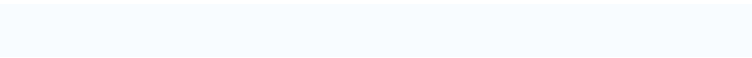
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.0317, 0.3125, 0.3250



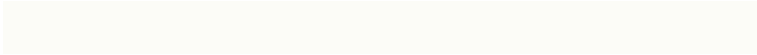
97.0317, 0.3156, 0.3338



97.0317, 0.3080, 0.3249

# Square

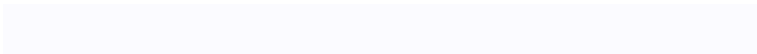
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



97.0317, 0.3156, 0.3338



97.0317, 0.3082, 0.3289



97.0317, 0.3098, 0.3243

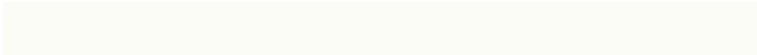


97.0317, 0.3173, 0.3291



# Rectangle

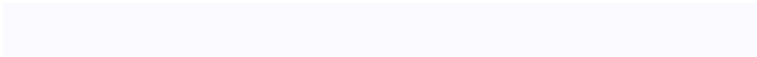
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97.0317, 0.3156, 0.3338



97.0317, 0.3111, 0.3320



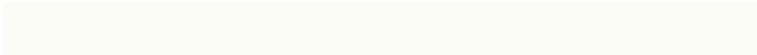
97.0317, 0.3098, 0.3243



97.0317, 0.3144, 0.3260

# Sweetspot

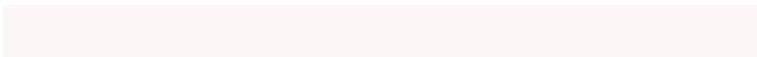
The Sweet Spot groups the original color and five complimentary colors.



97.0359, 0.3156, 0.3338



99.8336, 0.3142, 0.3314



93.9570, 0.3159, 0.3290



21.3703, 0.3141, 0.3313



0.0000, 0.0000, 0.0000

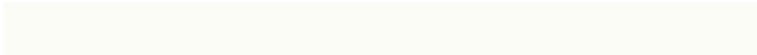


21.4041, 0.3127, 0.3290



# Same Dimension

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



97.0359, 0.3156, 0.3338



99.6694, 0.3156, 0.3339



96.5805, 0.3141, 0.3338



20.4259, 0.3155, 0.3336



46.8868, 0.4182, 0.5062

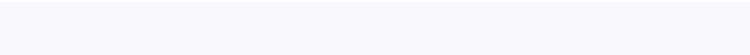


4.3444, 0.4183, 0.5061

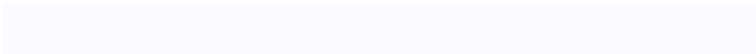


# Inverse Universe

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



93.3574, 0.3098, 0.3242



95.8409, 0.3098, 0.3241



93.8069, 0.3114, 0.3242



19.6813, 0.3099, 0.3243



3.6692, 0.1502, 0.0601

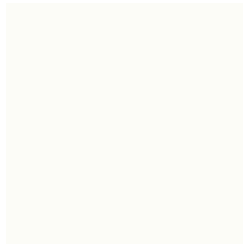


0.3417, 0.1507, 0.0604



# Previews

## White Background



This preview shows how the Yxy color 97.0317, 0.3156, 0.3338 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

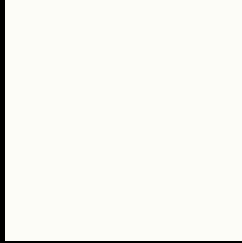
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 97.0317, 0.3156, 0.3338 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

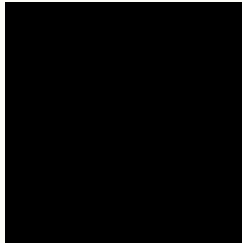
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

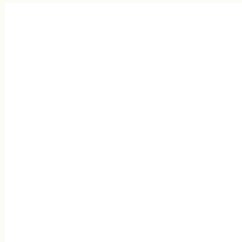
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 97.0317, 0.3156, 0.3338**

## **Background**



This preview shows how black text looks on a background with the Yxy color 97.0317, 0.3156, 0.3338.



This preview shows how white text looks on a background with the Yxy color 97.0317, 0.3156, 0.3338.

# 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

97.0317, 0.3156, 0.3338

### Protanopia

97.0317, 0.3170, 0.3319

### Deuteranopia

97.2194, 0.3152, 0.3290

## **Tritanopia**

96.9098, 0.3110, 0.3252

# Trichromacy

## Original Color

97.0317, 0.3156, 0.3338

## Protanomaly

96.8425, 0.3164, 0.3319

## Deuteranomaly

96.9673, 0.3152, 0.3300

## Tritanomaly

96.7181, 0.3128, 0.3280

# Monochromacy

## Original Color

97.0317, 0.3156, 0.3338

## Achromatopsia

96.4686, 0.3127, 0.3290

## Achromatomaly

96.4057, 0.3133, 0.3300

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  97.0317, 0.3156, 0.3338 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  $rgb(252, 252, 247)$  looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 247)  
}
```

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(252, 252, 247) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Yxy 97.0317, 0.3156, 0.3338 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(252, 252, 247) }
```

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

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

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

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

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



# Background

The CSS property to change the background color of an element to Yxy 97.0317, 0.3156, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor