

Converting Colors

$Yxy(97.0299, 0.3109, 0.3280)$

Have a look what the booklet for
Yxy(97.0299, 0.3109, 0.3280)
contains.

Yxy(97.0366, 0.3109, 0.3280)	3
Conversions	4
Details	6
Harmonies	12
Previews	23
Color Blindness Simulation	26
CSS Examples	29

Color

Yxy(97.0366, 0.3109, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	FAFCFD
RGB	250, 252, 253
RGB Percent	98%, 99%, 99%
CMY	0.0194, 0.0118, 0.0078
CMYK	0.01, 0.00, 0.00, 0.01
HSL	201°, 43%, 99%
HSV	201°, 1%, 99%
XYZ	91.9777, 97.0366, 106.8290
YIQ	251.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

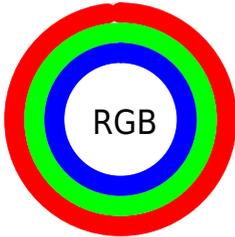
Format	Color
R _Y B	250, 251, 253
Decimal	16448765
CIE Lab	98.84, -0.45, -0.73
CIE LCh	99, 0.859, 238.201
Yxy	97.0366, 0.3109, 0.3280
Android (android.graphics.Color)	4294638845 (0xFFFAFCFD)
YUV	251.5160, 0.7316, -1.3295
Hunter-Lab	98.5072, -5.7193, 4.6562

Details

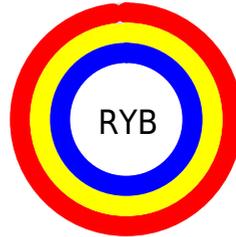
The Yxy color 97.0366, 0.3109, 0.3280 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.8318, 0.3145, 0.3300, and the grayscale version is 96.9238, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.4851, 0.3112, 0.3278 is the 20% darker color. If you saturate the color by 10%, you get 87.3033, 0.2953, 0.3190, and if you desaturate by 10%, it is 99.8734, 0.3139, 0.3309.

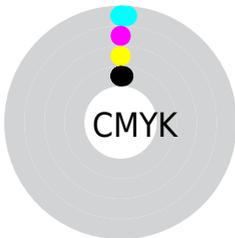
Distribution



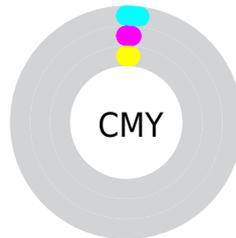
- Red (98%)
- Green (99%)
- Blue (99%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 97.0366, 0.3109, 0.3280 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 97.0366, 0.3109, 0.3280 by changing the saturation by 10% instead.

 97.0366, 0.3109,
0.3280

 97.0366, 0.3109,
0.3280

550.6646, 0.3117,
0.3284

 73.8312, 0.3107,
0.3279

157.0753, 0.3112,
0.3282

 54.6559, 0.3105,
0.3278

194.6773, 0.3113,
0.3282

 39.1263, 0.3103,
0.3276

237.8470, 0.3114,
0.3283

 26.8580, 0.3099,
0.3275

286.9688, 0.3115,
0.3283

 17.4666, 0.3095,
0.3272

342.4271, 0.3115,
0.3284

 10.5677, 0.3089,
0.3269

404.6062, 0.3116,

 5.7770, 0.3081,

0.3284

0.3264

473.8906, 0.3116,
0.3284

■ 2.7099, 0.3067,
0.3256

■ 0.9822, 0.3043,
0.3243

■ 97.0366, 0.3109,
0.3280

■ 97.0366, 0.3109,
0.3280

■ 87.3033, 0.2953,
0.3190

99.8734, 0.3139,
0.3309

■ 78.4180, 0.2797,
0.3091

■ 70.3551, 0.2642,
0.2982

■ 63.0825, 0.2493,
0.2865

■ 56.5660, 0.2353,
0.2740

■ 50.7680, 0.2227,
0.2609

■ 45.6469, 0.2118,
0.2476

■ 41.1554, 0.2028,
0.2341

■ 37.2373, 0.1960,
0.2207

Harmonies

Analogous

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

97.0366, 0.3111, 0.3288

97.0366, 0.3109, 0.3280

97.0366, 0.3112, 0.3275

Triad

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



97.0366, 0.3109, 0.3280



97.0366, 0.3138, 0.3284



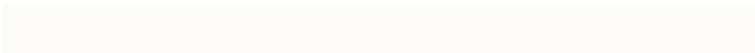
97.0366, 0.3135, 0.3306

Complementary

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



97.0366, 0.3109, 0.3280



96.8318, 0.3145, 0.3300

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.



97.0366, 0.3142, 0.3305



97.0366, 0.3109, 0.3280



97.0366, 0.3144, 0.3293

Square

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



97.0366, 0.3109, 0.3280



97.0366, 0.3129, 0.3278



97.0366, 0.3146, 0.3300



97.0366, 0.3125, 0.3303

Rectangle

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



97.0366, 0.3109, 0.3280



97.0366, 0.3117, 0.3274



97.0366, 0.3146, 0.3300



97.0366, 0.3138, 0.3306

Sweetspot

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



97.0408, 0.3109, 0.3280

100.0000, 0.3127, 0.3290



97.5644, 0.3120, 0.3309



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

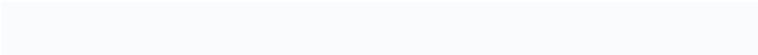
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97.0408, 0.3109, 0.3280



98.9580, 0.3112, 0.3282



96.1313, 0.3110, 0.3266



21.1921, 0.3113, 0.3282



18.4626, 0.1921, 0.2114



2.0018, 0.1962, 0.2263

Inverse Universe

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



96.3118, 0.3135, 0.3271



98.3271, 0.3133, 0.3274



97.7438, 0.3145, 0.3314



21.0637, 0.3133, 0.3275



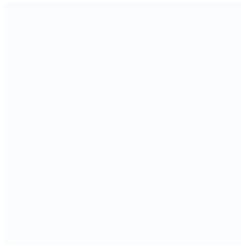
12.5918, 0.4326, 0.2157



1.2466, 0.4165, 0.2068

Previews

White Background



This preview shows how the Yxy color 97.0366, 0.3109, 0.3280 looks on a white background.

Color Contrast Check

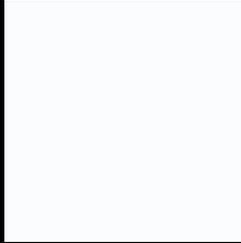
Large Text (above 18pt) WCAG AA × Fail

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 97.0366, 0.3109, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

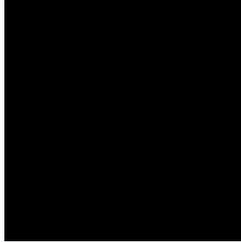
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 97.0366, 0.3109, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 97.0366, 0.3109, 0.3280.



This preview shows how white text looks on a background with the Yxy color 97.0366, 0.3109, 0.3280.

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

97.0366, 0.3109, 0.3280

Protanopia

97.2826, 0.3146, 0.3281

Deuteranopia

97.2826, 0.3146, 0.3281

Tritanopia

96.9098, 0.3110, 0.3252

Trichromacy

Original Color

97.0366, 0.3109, 0.3280

Protanomaly

96.9053, 0.3134, 0.3280

Deuteranomaly

96.9053, 0.3134, 0.3280

Tritanomaly

96.6593, 0.3110, 0.3261

Monochromacy

Original Color

97.0366, 0.3109, 0.3280

Achromatopsia

97.3445, 0.3127, 0.3290

Achromatomaly

97.1583, 0.3121, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 97.0366, 0.3109, 0.3280 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(250, 252, 253)` looks like.

```
.text, #text, p{  
    color:rgb(250, 252, 253)  
}
```

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(250, 252, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 252, 253) }
```

Border

The CSS property to change the border of an element to Yxy 97.0366, 0.3109, 0.3280 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(250, 252, 253) }
```

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

```
.border{ border-color:rgb(250, 252, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 252, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 252, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 252, 253);  
box-shadow:4px 4px 4px 4px rgb(250, 252,  
253) }
```

Background

The CSS property to change the background color of an element to Yxy 97.0366, 0.3109, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 252, 253) }
```

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

```
.background{ background-color: rgb(250,  
252, 253) }
```

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