

# Converting Colors

Yxy(96.6671, 0.3055, 0.3254)

Have a look what the booklet for  
Yxy(96.6671, 0.3055, 0.3254)  
contains.

<b>Yxy(96.7037, 0.3060, 0.3270)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	27
<i><b>CSS Examples</b></i>	30

# Color

**Yxy(96.7037, 0.3060, 0.3270)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F4FDFF
RGB	244, 253, 255
RGB Percent	96%, 99%, 100%
CMY	0.0430, 0.0079, 0.0000
CMYK	0.04, 0.01, 0.00, 0.00
HSL	191°, 100%, 98%
HSV	191°, 4%, 100%
XYZ	90.4934, 96.7037, 108.5329
YIQ	250.5370, -6.0060, -1.2860

# Conversions

## Conversions Part 2

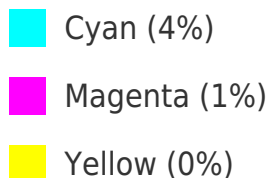
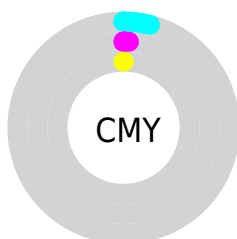
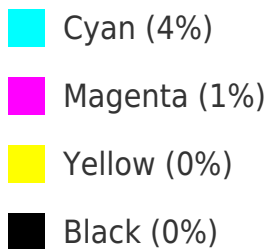
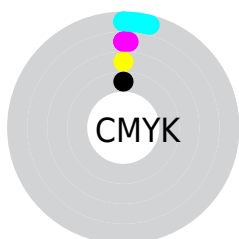
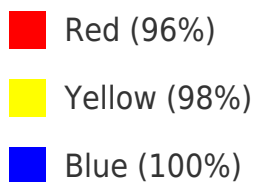
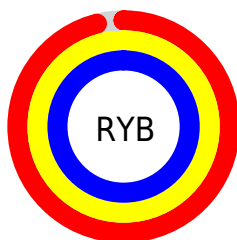
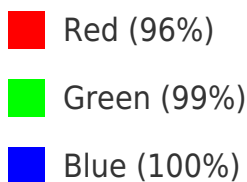
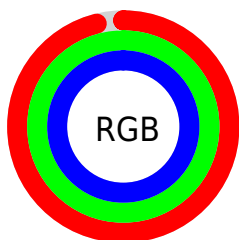
Format	Color
<a href="#">RYB</a>	<a href="#">244, 249, 255</a>
Decimal	<a href="#">16055807</a>
CIELab	<a href="#">98.71, -2.56, -2.01</a>
CIELCh	<a href="#">99, 3.254, 218.097</a>
Yxy	<a href="#">96.7037, 0.3060, 0.3270</a>
Android (android.graphics.Color)	<a href="#">4294245887</a> (0xFFFF4FDFF)
YUV	<a href="#">250.5370, 2.2003, -5.7329</a>
Hunter-Lab	<a href="#">98.3380, -7.8310, 3.3999</a>

# Details

The Yxy color 96.7037, 0.3060, 0.3270 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.7207, 0.3197, 0.3310, and the grayscale version is 96.0540, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 54.2484, 0.3050, 0.3265 is the 20% darker color. If you saturate the color by 10%, you get 89.5515, 0.2906, 0.3222, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

# Distribution




# Brightness & Saturation Gradients

These gradients show how the Yxy color 96.7037, 0.3060, 0.3270 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 96.7037, 0.3060, 0.3270 by changing the saturation by 10% instead.




 96.7037, 0.3060,  
0.3270

 96.7037, 0.3060,  
0.3270

549.6049, 0.3090,  
0.3279

 73.5538, 0.3054,  
0.3268


156.6162, 0.3070,  
0.3273

 54.4289, 0.3046,  
0.3266


194.1477, 0.3074,  
0.3274

 38.9447, 0.3036,  
0.3263

237.2417, 0.3077,  
0.3275

 26.7167, 0.3024,  
0.3259

286.2827, 0.3080,  
0.3276

 17.3606, 0.3008,  
0.3254

341.6552, 0.3083,  
0.3277

 10.4919, 0.2987,  
0.3247


403.7434, 0.3085,


 5.7263, 0.2956,


0.3278

0.3237


472.9319, 0.3088,  
0.3278

 2.6794, 0.2907,  
0.3221


 0.9667, 0.2820,  
0.3191


 96.7037, 0.3060,  
0.3270


 96.7037, 0.3060,  
0.3270

 89.5515, 0.2906,  
0.3222

100.0000, 0.3127,  
0.3290

 83.0740, 0.2758,  
0.3168

 77.2451, 0.2617,  
0.3111

 72.0345, 0.2487,  
0.3050

■ 67.4094, 0.2372,  
0.2986

■ 63.3337, 0.2274,  
0.2920

■ 59.7667, 0.2195,  
0.2853

■ 56.6612, 0.2135,  
0.2787

■ 53.9594, 0.2095,  
0.2720

# Harmonies

## Analogous

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



96.7037, 0.3078, 0.3302



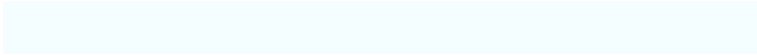
96.7037, 0.3060, 0.3270



96.7037, 0.3060, 0.3244

# Triad

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



96.7037, 0.3060, 0.3270



96.7037, 0.3146, 0.3250



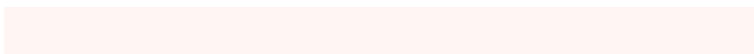
96.7037, 0.3176, 0.3351

# Complementary

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



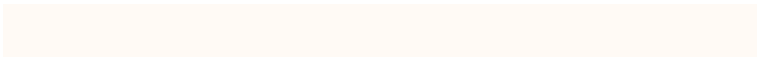
96.7037, 0.3060, 0.3270



93.7207, 0.3197, 0.3310

# Split Complementary

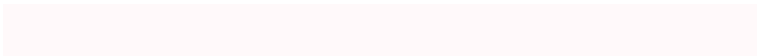
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.7037, 0.3195, 0.3336



96.7037, 0.3060, 0.3270



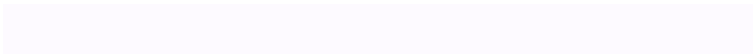
96.7037, 0.3177, 0.3278

# Square

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



96.7037, 0.3060, 0.3270



96.7037, 0.3110, 0.3232



96.7037, 0.3195, 0.3310



96.7037, 0.3144, 0.3349



# Rectangle

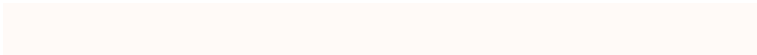
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.7037, 0.3060, 0.3270



96.7037, 0.3071, 0.3233



96.7037, 0.3195, 0.3310



96.7037, 0.3184, 0.3348

# Sweetspot

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



96.7055, 0.3060, 0.3270



99.2230, 0.3112, 0.3286



97.4020, 0.3112, 0.3379



21.2460, 0.3112, 0.3286



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

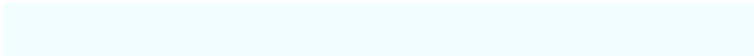


# Same Dimension

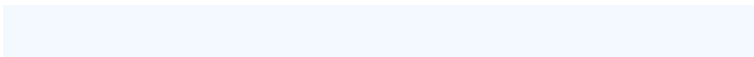
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.7055, 0.3060, 0.3270



96.1857, 0.3049, 0.3267



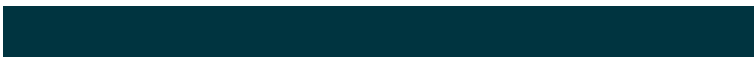
93.3966, 0.3061, 0.3219



20.4760, 0.3039, 0.3264



27.6646, 0.2082, 0.2694



2.8335, 0.2103, 0.2769



# Inverse Universe

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



93.0668, 0.3144, 0.3204



91.9842, 0.3147, 0.3190



97.0006, 0.3193, 0.3361



19.4564, 0.3150, 0.3176



13.5207, 0.3734, 0.1831



1.3306, 0.3663, 0.1792



# Previews

## White Background



This preview shows how the Yxy color 96.7037, 0.3060, 0.3270 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

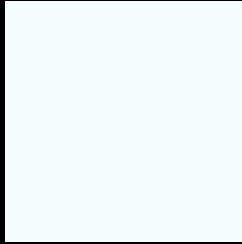
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 96.7037, 0.3060, 0.3270 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 96.7037, 0.3060, 0.3270**

## Background



This preview shows how black text looks on a background with the Yxy color 96.7037, 0.3060, 0.3270.



This preview shows how white text looks on a background with the Yxy color 96.7037, 0.3060, 0.3270.

# 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

96.7037, 0.3060, 0.3270

### Protanopia

96.7231, 0.3141, 0.3261

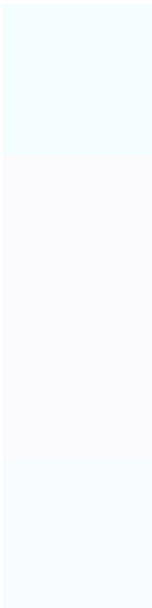
### Deuteranopia

96.6595, 0.3147, 0.3271

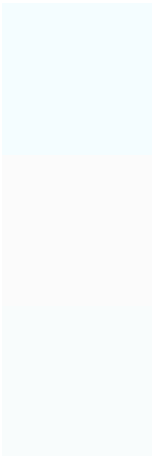
## **Tritanopia**

96.5384, 0.3098, 0.3252

# Trichromacy

	<b>Original Color</b> 96.7037, 0.3060, 0.3270
	<b>Protanomaly</b> 96.6593, 0.3110, 0.3261
	<b>Deuteranomaly</b> 96.5954, 0.3116, 0.3271
	<b>Tritanomaly</b> 96.7973, 0.3085, 0.3261

# Monochromacy

	<b>Original Color</b> 96.7037, 0.3060, 0.3270
	<b>Achromatopsia</b> 96.4686, 0.3127, 0.3290
	<b>Achromatomaly</b> 96.6055, 0.3102, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 96.7037, 0.3060, 0.3270 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(244, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 253, 255)  
}
```

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(244, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 253, 255) }
```

## Border

The CSS property to change the border of an element to Yxy 96.7037, 0.3060, 0.3270 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(244, 253, 255) }
```

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

```
.border{ border-color:rgb(244, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 253,  
255) }
```



# Background

The CSS property to change the background color of an element to Yxy 96.7037, 0.3060, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 253, 255) }
```

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

```
.background{ background-color: rgb(244,  
253, 255) }
```

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