

# Converting Colors

$Y_{xy}(92.5878, 0.3110, 0.3251)$

Have a look what the booklet for  
Yxy(92.5878, 0.3110, 0.3251)  
contains.

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# **Color**

**Yxy(92.5878, 0.3110, 0.3251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7F6FA
RGB	247, 246, 250
RGB Percent	97%, 96%, 98%
CMY	0.0313, 0.0353, 0.0196
CMYK	0.01, 0.02, 0.00, 0.02
HSL	255°, 28%, 97%
HSV	255°, 2%, 98%
XYZ	88.5721, 92.5878, 103.6380
YIQ	246.7550, -0.6880, 1.4560

# Conversions

## Conversions Part 2

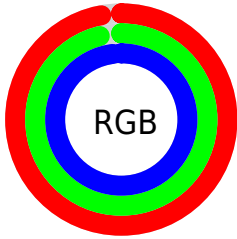
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">247, 246, 250</a>
Decimal	<a href="#">16250618</a>
CIELab	<a href="#">97.06, 1.05, -1.80</a>
CIElCh	<a href="#">97, 2.088, 300.202</a>
Yxy	<a href="#">92.5878, 0.3110, 0.3251</a>
Android (android.graphics.Color)	<a href="#">4294440698</a> ( <a href="#">0xFFFF7F6FA</a> )
YUV	<a href="#">246.7550, 1.5998, 0.2149</a>
Hunter-Lab	<a href="#">96.2226, -4.0815, 3.4966</a>

# Details

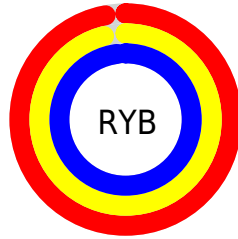
The Yxy color 92.5878, 0.3110, 0.3251 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.1558, 0.3144, 0.3329, and the grayscale version is 92.7938, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.7983, 0.3105, 0.3240 is the 20% darker color. If you saturate the color by 10%, you get 75.1737, 0.2993, 0.2990, and if you desaturate by 10%, it is 99.6817, 0.3156, 0.3338.

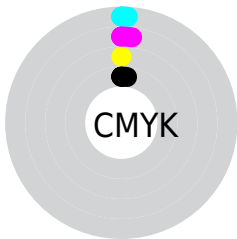
# Distribution



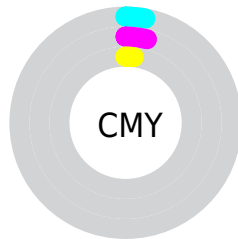
- Red (97%)
- Green (96%)
- Blue (98%)



- Red (97%)
- Yellow (96%)
- Blue (98%)



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




- Cyan (3%)
- Magenta (4%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.5878, 0.3110, 0.3251 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 92.5878, 0.3110, 0.3251 by changing the saturation by 10% instead.




 92.5878, 0.3110,  
0.3251

 92.5878, 0.3110,  
0.3251


536.4134, 0.3118,  
0.3268

 70.1289, 0.3108,  
0.3247


150.9278, 0.3113,  
0.3257

 51.6317, 0.3106,  
0.3243


187.5777, 0.3114,  
0.3259

 36.7116, 0.3104,  
0.3237


229.7268, 0.3115,  
0.3261

 24.9842, 0.3101,  
0.3230

277.7595, 0.3115,  
0.3263

 16.0653, 0.3096,  
0.3220

332.0601, 0.3116,  
0.3265

 9.5704, 0.3090,  
0.3207

393.0130, 0.3117,

 5.1151, 0.3082,

0.3266

0.3188

461.0026, 0.3117,  
0.3267

■ 2.3149, 0.3068,  
0.3157

■ 0.7816, 0.3041,  
0.3093

■ 92.5878, 0.3110,  
0.3251

■ 92.5878, 0.3110,  
0.3251

■ 75.1737, 0.2993,  
0.2990

■ 99.6817, 0.3156,  
0.3338

■ 60.0496, 0.2858,  
0.2702

■ 47.1225, 0.2705,  
0.2390

■ 36.2886, 0.2537,  
0.2061

■ 27.4355, 0.2358,  
0.1730

■ 20.4399, 0.2176,  
0.1413

■ 15.1645, 0.2001,  
0.1132

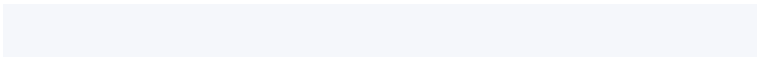
■ 11.4523, 0.1845,  
0.0908

■ 9.1160, 0.1717,  
0.0753

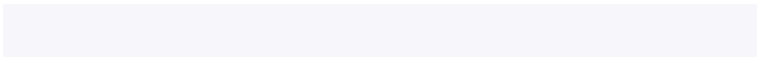
# Harmonies

## Analogous

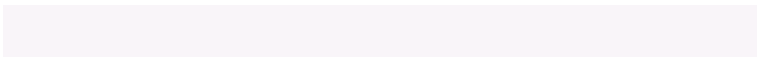
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5878, 0.3091, 0.3252



92.5878, 0.3110, 0.3251



92.5878, 0.3133, 0.3260

# Triad

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



92.5878, 0.3110, 0.3251



92.5878, 0.3172, 0.3316



92.5878, 0.3100, 0.3303

# Complementary

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



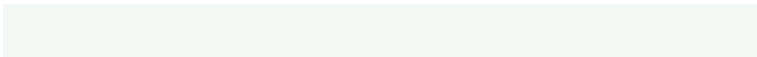
92.5878, 0.3110, 0.3251



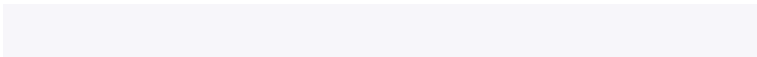
95.1558, 0.3144, 0.3329

# 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.



92.5878, 0.3121, 0.3321



92.5878, 0.3110, 0.3251



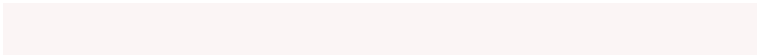
92.5878, 0.3163, 0.3328

# Square

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



92.5878, 0.3110, 0.3251



92.5878, 0.3169, 0.3298



92.5878, 0.3144, 0.3330

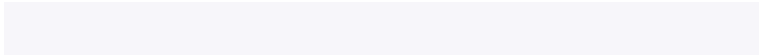


92.5878, 0.3085, 0.3282

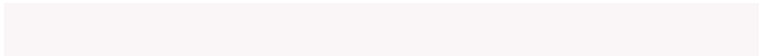


# Rectangle

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



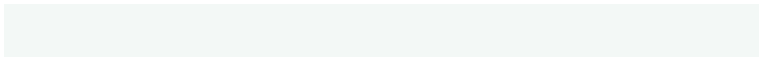
92.5878, 0.3110, 0.3251



92.5878, 0.3148, 0.3271



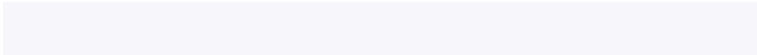
92.5878, 0.3144, 0.3330



92.5878, 0.3106, 0.3310

# Sweetspot

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



92.5918, 0.3110, 0.3251

100.0000, 0.3127, 0.3290



94.2430, 0.3102, 0.3280



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.



92.5918, 0.3110, 0.3251



96.0754, 0.3106, 0.3241



92.9530, 0.3123, 0.3251



19.7269, 0.3107, 0.3244



4.2916, 0.1649, 0.0682

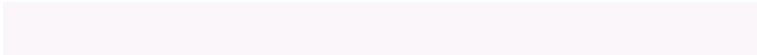


0.4457, 0.1765, 0.0746



# Inverse Universe

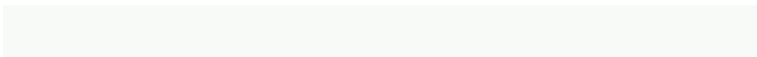
The Inverse Universe completely reimagines the original color for something new.



93.0732, 0.3135, 0.3261



96.7057, 0.3137, 0.3254



94.7946, 0.3132, 0.3329



19.8495, 0.3137, 0.3256



12.6921, 0.3981, 0.1967

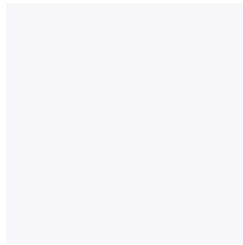


1.1926, 0.3868, 0.1905



# Previews

## White Background



This preview shows how the Yxy color 92.5878, 0.3110, 0.3251 looks on a white background.

## Color Contrast Check

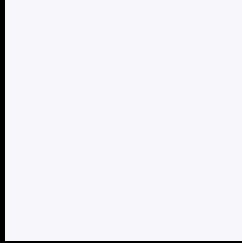
Large Text (above 18pt) WCAG AA × Fail

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 92.5878, 0.3110, 0.3251 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](#).

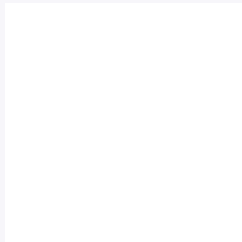


**Yxy 92.5878, 0.3110, 0.3251**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.5878, 0.3110, 0.3251.

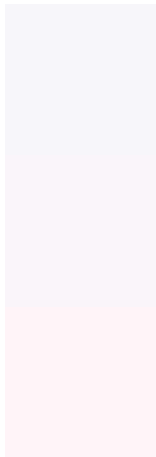


This preview shows how white text looks on a background with the Yxy color 92.5878, 0.3110, 0.3251.

# 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

92.5878, 0.3110, 0.3251

### Protanopia

92.5309, 0.3129, 0.3241

### Deuteranopia

92.7387, 0.3174, 0.3252

## Tritanopia

92.4813, 0.3087, 0.3193

# Trichromacy



**Original Color**

92.5878, 0.3110, 0.3251

**Protanomaly**

92.3467, 0.3123, 0.3241

**Deuteranomaly**

92.8398, 0.3148, 0.3251

**Tritanomaly**

92.3531, 0.3099, 0.3212

# Monochromacy



**Original Color**

92.5878, 0.3110, 0.3251

**Achromatopsia**

93.0111, 0.3127, 0.3290

**Achromatomaly**

93.0730, 0.3121, 0.3280

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.5878, 0.3110, 0.3251 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(247, 246, 250)` looks like.

```
.text, #text, p{  
    color:rgb(247, 246, 250)  
}
```

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(247, 246, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 246, 250) }
```

## Border

The CSS property to change the border of an element to Yxy 92.5878, 0.3110, 0.3251 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(247, 246, 250) }
```

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

```
.border{ border-color:rgb(247, 246, 250) }
```

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

Here you see how a box with a 4 pixel rgb(247, 246, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 246, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 246, 250);  
box-shadow:4px 4px 4px 4px rgb(247, 246,  
250) }
```

# Background

The CSS property to change the background color of an element to Yxy 92.5878, 0.3110, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 246, 250) }
```

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

```
.background{ background-color: rgb(247,  
246, 250) }
```

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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