

# Converting Colors

$Y_{xy}(92.2839, 0.3135, 0.3247)$

Have a look what the booklet for  
Yxy(92.2839, 0.3135, 0.3247)  
contains.

<b>Yxy(92.4684, 0.3135, 0.3251)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(92.4684, 0.3135, 0.3251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAF5F9
RGB	250, 245, 249
RGB Percent	98%, 96%, 98%
CMY	0.0197, 0.0392, 0.0234
CMYK	0.00, 0.02, 0.00, 0.02
HSL	311°, 33%, 97%
HSV	311°, 2%, 98%
XYZ	89.1690, 92.4684, 102.7932
YIQ	246.9510, 1.6960, 2.3040

# Conversions

## Conversions Part 2

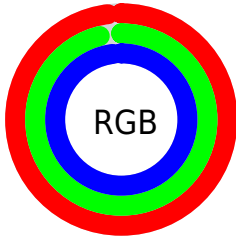
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	250, 245, 249
Decimal	16446969
CIE <sub>Lab</sub>	97.01, 2.35, -1.35
CIE <sub>LCh</sub>	97, 2.715, 330.129
Yxy	92.4684, 0.3135, 0.3251
Android (android.graphics.Color)	4294637049 (0xFFFAF5F9)
YUV	246.9510, 1.0102, 2.6740
Hunter-Lab	96.1605, -2.7590, 3.9328

# Details

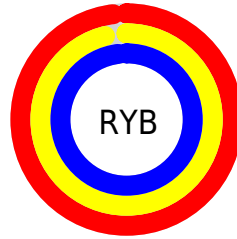
The Yxy color 92.4684, 0.3135, 0.3251 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.4146, 0.3119, 0.3329, and the grayscale version is 92.9606, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.7148, 0.3138, 0.3241 is the 20% darker color. If you saturate the color by 10%, you get 78.0636, 0.3178, 0.3049, and if you desaturate by 10%, it is 98.9771, 0.3103, 0.3302.

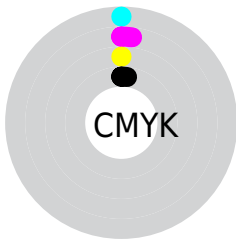
# Distribution



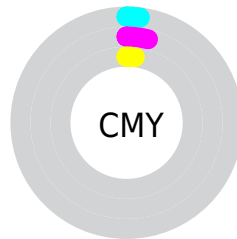
- Red (98%)
- Green (96%)
- Blue (98%)



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



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




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


# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.4684, 0.3135, 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 92.4684, 0.3135, 0.3251 by changing the saturation by 10% instead.



 92.4684, 0.3135,  
0.3251

 92.4684, 0.3135,  
0.3251


536.0282, 0.3132,  
0.3268

 70.0297, 0.3136,  
0.3247


150.7624, 0.3134,  
0.3257

 51.5508, 0.3137,  
0.3243


187.3866, 0.3133,  
0.3259

 36.6471, 0.3138,  
0.3237


229.5080, 0.3133,  
0.3261

 24.9344, 0.3139,  
0.3230

277.5111, 0.3133,  
0.3263

 16.0282, 0.3141,  
0.3220

331.7803, 0.3132,  
0.3265

 9.5441, 0.3144,  
0.3207

392.6999, 0.3132,

 5.0977, 0.3147,

0.3266

0.3188

460.6544, 0.3132,  
0.3267

■ 2.3047, 0.3153,  
0.3158

■ 0.7762, 0.3167,  
0.3091

■ 92.4684, 0.3135,  
0.3251

■ 92.4684, 0.3135,  
0.3251

■ 78.0636, 0.3178,  
0.3049

■ 98.9771, 0.3103,  
0.3302

■ 65.6239, 0.3228,  
0.2840

■ 99.0573, 0.3096,  
0.3290

■ 55.0665, 0.3285,  
0.2631

■ 46.2980, 0.3348,  
0.2428

■ 39.2172, 0.3417,  
0.2242

■ 33.7125, 0.3490,  
0.2082

■ 29.6591, 0.3565,  
0.1958

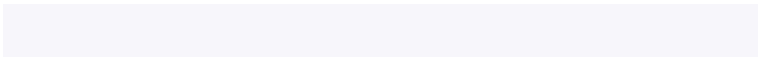
■ 26.9131, 0.3639,  
0.1878

■ 25.3012, 0.3710,  
0.1845

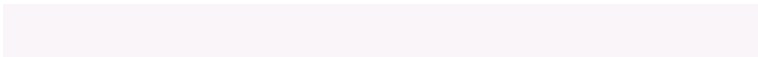
# Harmonies

## Analogous

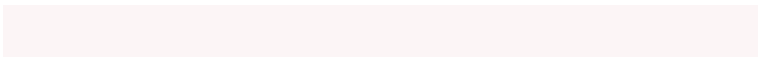
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4684, 0.3105, 0.3239



92.4684, 0.3135, 0.3251



92.4684, 0.3163, 0.3273

# Triad

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



92.4684, 0.3135, 0.3251



92.4684, 0.3174, 0.3340



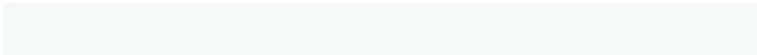
92.4684, 0.3073, 0.3280

# Complementary

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



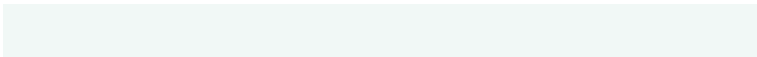
92.4684, 0.3135, 0.3251



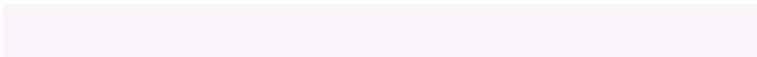
94.4146, 0.3119, 0.3329

# 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.



92.4684, 0.3091, 0.3307



92.4684, 0.3135, 0.3251



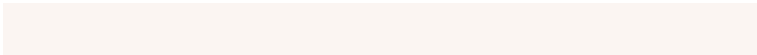
92.4684, 0.3150, 0.3342

# Square

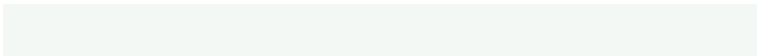
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.4684, 0.3135, 0.3251



92.4684, 0.3186, 0.3324



92.4684, 0.3119, 0.3330



92.4684, 0.3069, 0.3256



# Rectangle

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



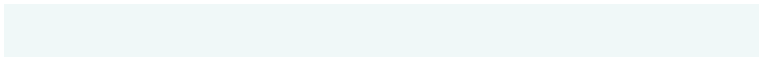
92.4684, 0.3135, 0.3251



92.4684, 0.3177, 0.3291



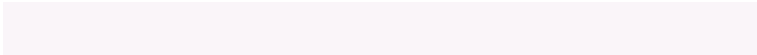
92.4684, 0.3119, 0.3330



92.4684, 0.3078, 0.3289

# Sweetspot

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



92.4724, 0.3135, 0.3251



98.3528, 0.3131, 0.3270



91.7923, 0.3104, 0.3242



21.0689, 0.3131, 0.3271



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.



92.4724, 0.3135, 0.3251



96.7272, 0.3135, 0.3251



92.3206, 0.3150, 0.3275



19.8537, 0.3135, 0.3253



13.0821, 0.3754, 0.1842



1.2256, 0.3677, 0.1799



# Inverse Universe

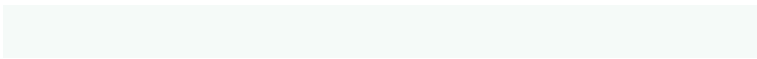
The Inverse Universe completely reimagines the original color for something new.



92.4724, 0.3135, 0.3251



96.7272, 0.3135, 0.3251



94.5658, 0.3105, 0.3305



19.8537, 0.3135, 0.3253



13.0821, 0.3754, 0.1842

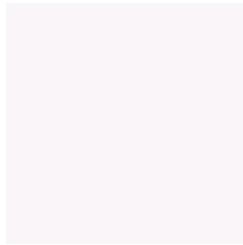


1.2256, 0.3677, 0.1799



# Previews

## White Background



This preview shows how the Yxy color 92.4684, 0.3135, 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 92.4684, 0.3135, 0.3251 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

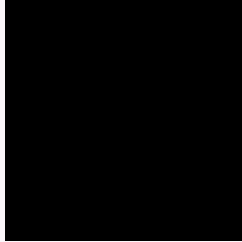
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

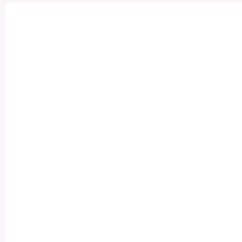
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 92.4684, 0.3135, 0.3251**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.4684, 0.3135, 0.3251.



This preview shows how white text looks on a background with the Yxy color 92.4684, 0.3135, 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**

92.4684, 0.3135, 0.3251

**Protanopia**

92.4684, 0.3135, 0.3251

**Deuteranopia**

92.1385, 0.3175, 0.3242



## Tritanopia

92.6646, 0.3093, 0.3193

# Trichromacy



**Original Color**

92.4684, 0.3135, 0.3251

**Protanomaly**

92.4684, 0.3135, 0.3251

**Deuteranomaly**

92.3613, 0.3161, 0.3251

**Tritanomaly**

92.5364, 0.3105, 0.3212

# Monochromacy



**Original Color**

92.4684, 0.3135, 0.3251

**Achromatopsia**

93.0111, 0.3127, 0.3290

**Achromatomaly**

92.6453, 0.3128, 0.3271

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.4684, 0.3135, 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(250, 245, 249) looks like.

```
.text, #text, p{  
    color:rgb(250, 245, 249)  
}
```

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, 245, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 245, 249) }
```

## Border

The CSS property to change the border of an element to Yxy 92.4684, 0.3135, 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(250, 245, 249) }
```

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

```
.border{ border-color:rgb(250, 245, 249) }
```

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

Here you see how a box with a 4 pixel rgb(250, 245, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 245, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 245, 249);  
box-shadow:4px 4px 4px 4px rgb(250, 245,  
249) }
```



# Background

The CSS property to change the background color of an element to Yxy 92.4684, 0.3135, 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(250, 245, 249) }
```

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

```
.background{ background-color: rgb(250,  
245, 249) }
```

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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