

# Converting Colors

$Y_{xy}(100.0000, 0.3418, 0.3279)$

Have a look what the booklet for  
Yxy(100.0000, 0.3418, 0.3279)  
contains.

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# Color

**Yxy(92.6152, 0.3186, 0.3271)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF4F6
RGB	255, 244, 246
RGB Percent	100%, 96%, 96%
CMY	0.0002, 0.0430, 0.0353
CMYK	0.00, 0.04, 0.04, 0.00
HSL	349°, 99%, 98%
HSV	349°, 4%, 100%
XYZ	90.2085, 92.6152, 100.3166
YIQ	247.5170, 5.9140, 2.9540

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 244, 246</a>
Decimal	<a href="#">16774390</a>
CIELab	<a href="#">97.07, 3.99, 0.34</a>
CIELCh	<a href="#">97, 4.006, 4.859</a>
Yxy	<a href="#">92.6152, 0.3186, 0.3271</a>
Android (android.graphics.Color)	<a href="#">4294964470</a> ( <a href="#">0xFFFFF4F6</a> )
YUV	<a href="#">247.5170, -0.7479, 6.5626</a>
Hunter-Lab	<a href="#">96.2368, -1.0956, 5.5622</a>

# Details

The Yxy color 92.6152, 0.3186, 0.3271 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.8063, 0.3071, 0.3309, and the grayscale version is 93.4540, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.6899, 0.3195, 0.3266 is the 20% darker color. If you saturate the color by 10%, you get 77.1116, 0.3347, 0.3224, and if you desaturate by 10%, it is 99.9880, 0.3127, 0.3290.

# Distribution



Red (100%)

Green (96%)

Blue (96%)



Red (100%)

Yellow (96%)

Blue (96%)



Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (4%)


Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.6152, 0.3186, 0.3271 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 92.6152, 0.3186, 0.3271 by changing the saturation by 10% instead.




 92.6152, 0.3186,  
0.3271

 92.6152, 0.3186,  
0.3271

536.5018, 0.3160,  
0.3280

 70.1517, 0.3192,  
0.3269


150.9658, 0.3177,  
0.3274

 51.6502, 0.3199,  
0.3267


187.6216, 0.3174,  
0.3275

 36.7264, 0.3207,  
0.3264


229.7771, 0.3171,  
0.3276

 24.9957, 0.3218,  
0.3260

277.8165, 0.3168,  
0.3277

 16.0738, 0.3233,  
0.3256

332.1243, 0.3166,  
0.3278

 9.5764, 0.3253,  
0.3249

393.0848, 0.3164,

 5.1190, 0.3282,

0.3278

0.3239

461.0825, 0.3162,  
0.3279

■ 2.3173, 0.3329,  
0.3224

■ 0.7828, 0.3431,  
0.3191

■ 92.6152, 0.3186,  
0.3271

■ 92.6152, 0.3186,  
0.3271

■ 77.1116, 0.3347,  
0.3224

99.9880, 0.3127,  
0.3290

■ 63.7784, 0.3546,  
0.3175

■ 52.5222, 0.3792,  
0.3125

■ 43.2381, 0.4091,  
0.3078

■ 35.8120, 0.4446,  
0.3039

■ 30.1179, 0.4849,  
0.3017

■ 26.0143, 0.5275,  
0.3020

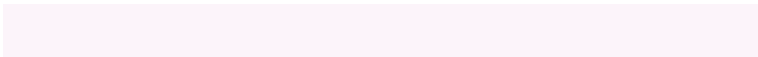
■ 23.3372, 0.5682,  
0.3056

■ 21.8863, 0.6015,  
0.3123

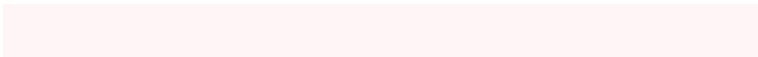
# Harmonies

## Analogous

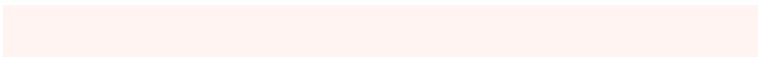
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6152, 0.3146, 0.3237



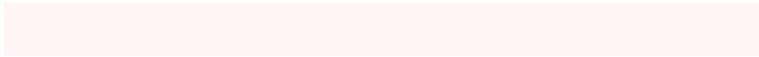
92.6152, 0.3186, 0.3271



92.6152, 0.3211, 0.3310

# Triad

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



92.6152, 0.3186, 0.3271



92.6152, 0.3153, 0.3365



92.6152, 0.3043, 0.3235

# Complementary

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



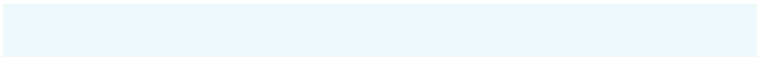
92.6152, 0.3186, 0.3271



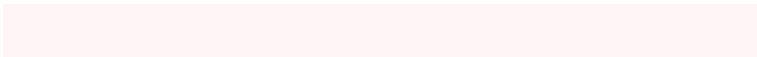
97.8063, 0.3071, 0.3309

# 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.



92.6152, 0.3045, 0.3269



92.6152, 0.3186, 0.3271



92.6152, 0.3108, 0.3345

# Square

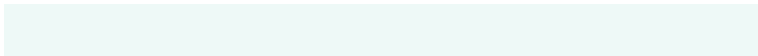
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.6152, 0.3186, 0.3271



92.6152, 0.3192, 0.3365



92.6152, 0.3069, 0.3309

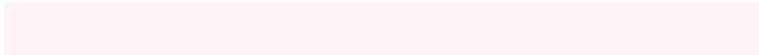


92.6152, 0.3063, 0.3216

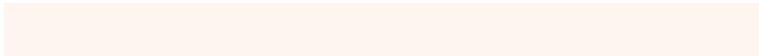


# Rectangle

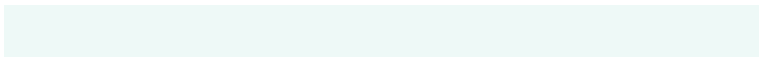
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



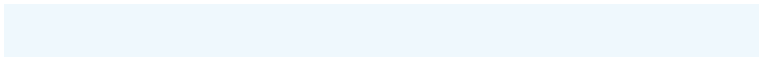
92.6152, 0.3186, 0.3271



92.6152, 0.3215, 0.3335



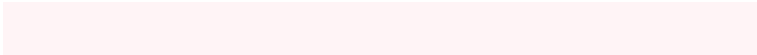
92.6152, 0.3069, 0.3309



92.6152, 0.3041, 0.3245

# Sweetspot

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



92.6192, 0.3186, 0.3271



98.2501, 0.3140, 0.3286



92.8035, 0.3119, 0.3185



21.0480, 0.3140, 0.3286



0.0000, 0.0000, 0.0000

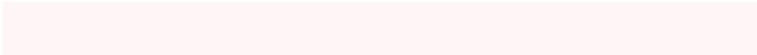


21.4041, 0.3127, 0.3290

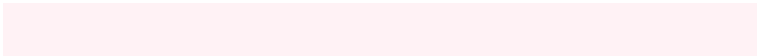


# Same Dimension

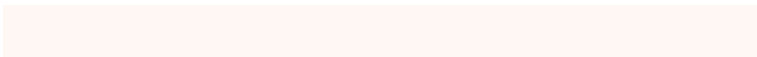
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6192, 0.3186, 0.3271



91.4794, 0.3196, 0.3268



94.5973, 0.3196, 0.3324



19.3338, 0.3207, 0.3265



11.2287, 0.6126, 0.3148



1.1072, 0.5837, 0.2989



# Inverse Universe

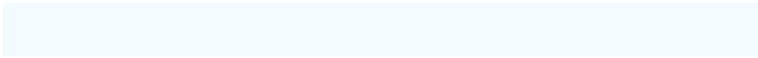
The Inverse Universe completely reimagines the original color for something new.



92.6192, 0.3186, 0.3271



91.4794, 0.3196, 0.3268



95.7493, 0.3061, 0.3256



19.3338, 0.3207, 0.3265



11.2287, 0.6126, 0.3148

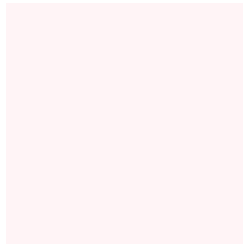


1.1072, 0.5837, 0.2989



# Previews

## White Background



This preview shows how the Yxy color 92.6152, 0.3186, 0.3271 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

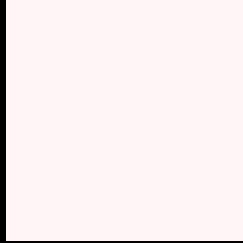
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 92.6152, 0.3186, 0.3271 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

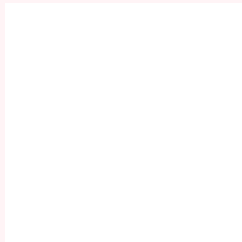
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 92.6152, 0.3186, 0.3271**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.6152, 0.3186, 0.3271.



This preview shows how white text looks on a background with the Yxy color 92.6152, 0.3186, 0.3271.

# 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**

92.6152, 0.3186, 0.3271

**Protanopia**

92.5294, 0.3154, 0.3271

**Deuteranopia**

92.6768, 0.3180, 0.3261



## Tritanopia

92.8040, 0.3119, 0.3184

# Trichromacy



**Original Color**

92.6152, 0.3186, 0.3271

**Protanomaly**

92.7157, 0.3160, 0.3271

**Deuteranomaly**

92.6768, 0.3180, 0.3261

**Tritanomaly**

92.8005, 0.3144, 0.3213

# Monochromacy



**Original Color**

92.6152, 0.3186, 0.3271



**Achromatopsia**

93.8686, 0.3127, 0.3290

**Achromatomaly**

93.7462, 0.3153, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.6152, 0.3186, 0.3271 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(255, 244, 246) looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 246)  
}
```

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(255, 244, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 246) }
```

## Border

The CSS property to change the border of an element to Yxy 92.6152, 0.3186, 0.3271 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(255, 244, 246) }
```

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

```
.border{ border-color:rgb(255, 244, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
246) }
```



# Background

The CSS property to change the background color of an element to Yxy 92.6152, 0.3186, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 246) }
```

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

```
.background{ background-color: rgb(255,  
244, 246) }
```

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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