

# Converting Colors

$Yxy(92.4403, 0.3174, 0.3259)$

Have a look what the booklet for  
Yxy(92.4403, 0.3174, 0.3259)  
contains.

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# Color

**Yxy(92.4876, 0.3174, 0.3261)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEF4F7
RGB	254, 244, 247
RGB Percent	100%, 96%, 97%
CMY	0.0038, 0.0431, 0.0313
CMYK	0.00, 0.04, 0.03, 0.00
HSL	342°, 84%, 98%
HSV	342°, 4%, 100%
XYZ	90.0201, 92.4876, 101.1096
YIQ	247.3320, 4.9970, 3.0530

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 244, 247
Decimal	16708855
CIE Lab	97.02, 3.87, -0.26
CIE LCh	97, 3.882, 356.134
Yxy	92.4876, 0.3174, 0.3261
Android (android.graphics.Color)	4294898935 (0xFFFEF4F7)
YUV	247.3320, -0.1637, 5.8478
Hunter-Lab	96.1705, -1.2139, 4.9843

# Details

The Yxy color 92.4876, 0.3174, 0.3261 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.0992, 0.3082, 0.3319, and the grayscale version is 93.3000, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.5983, 0.3179, 0.3253 is the 20% darker color. If you saturate the color by 10%, you get 77.1980, 0.3311, 0.3184, and if you desaturate by 10%, it is 99.8159, 0.3121, 0.3290.

# Distribution



Red (100%)

Green (96%)

Blue (97%)



Red (100%)

Yellow (96%)

Blue (97%)



Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (4%)


Yellow (3%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.4876, 0.3174, 0.3261 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 92.4876, 0.3174, 0.3261 by changing the saturation by 10% instead.



 92.4876, 0.3174,  
0.3261

 92.4876, 0.3174,  
0.3261


536.0901, 0.3153,  
0.3274

 70.0457, 0.3179,  
0.3258


150.7890, 0.3167,  
0.3265

 51.5638, 0.3184,  
0.3255


187.4173, 0.3164,  
0.3267

 36.6575, 0.3191,  
0.3250

229.5432, 0.3162,  
0.3269

 24.9424, 0.3200,  
0.3245

277.5510, 0.3160,  
0.3270

 16.0342, 0.3211,  
0.3238

331.8253, 0.3158,  
0.3271

 9.5483, 0.3227,  
0.3228

392.7503, 0.3156,

 5.1005, 0.3250,

0.3272

0.3214

460.7104, 0.3155,  
0.3273

■ 2.3064, 0.3287,  
0.3191

■ 0.7771, 0.3367,  
0.3140

■ 92.4876, 0.3174,  
0.3261

■ 92.4876, 0.3174,  
0.3261

■ 77.1980, 0.3311,  
0.3184

99.8159, 0.3121,  
0.3290

■ 64.0272, 0.3480,  
0.3103

■ 52.8846, 0.3686,  
0.3020

■ 43.6685, 0.3936,  
0.2941

■ 36.2684, 0.4230,  
0.2872

■ 30.5623, 0.4567,  
0.2823

■ 26.4133, 0.4932,  
0.2808

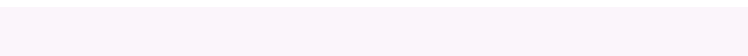
■ 23.6627, 0.5299,  
0.2836

■ 22.1172, 0.5633,  
0.2912

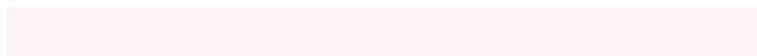
# Harmonies

## Analogous

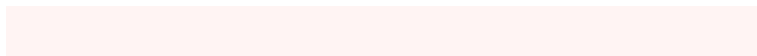
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4876, 0.3132, 0.3231



92.4876, 0.3174, 0.3261



92.4876, 0.3203, 0.3299

# Triad

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



92.4876, 0.3174, 0.3261



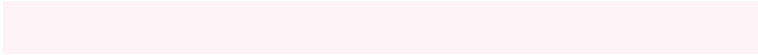
92.4876, 0.3165, 0.3365



92.4876, 0.3043, 0.3245

# Complementary

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



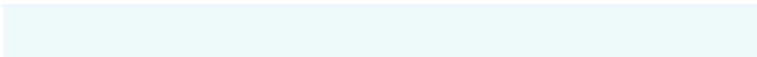
92.4876, 0.3174, 0.3261



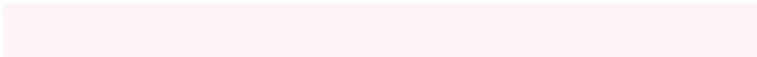
97.0992, 0.3082, 0.3319

# Split Complementary

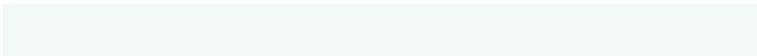
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.4876, 0.3052, 0.3281



92.4876, 0.3174, 0.3261



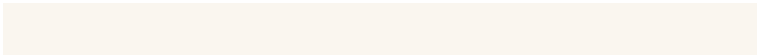
92.4876, 0.3122, 0.3350

# Square

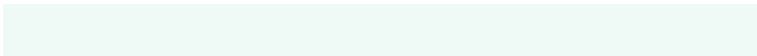
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



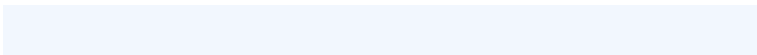
92.4876, 0.3174, 0.3261



92.4876, 0.3198, 0.3359



92.4876, 0.3081, 0.3320



92.4876, 0.3057, 0.3222

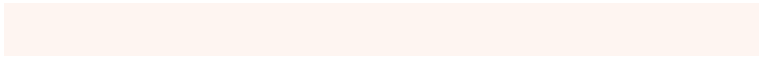


# Rectangle

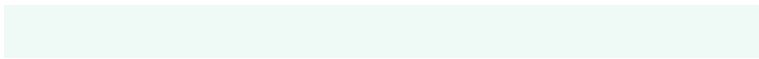
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



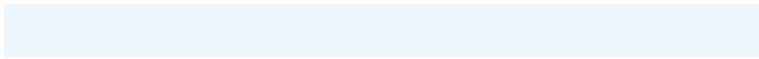
92.4876, 0.3174, 0.3261



92.4876, 0.3211, 0.3323



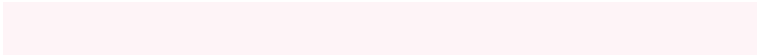
92.4876, 0.3081, 0.3320



92.4876, 0.3044, 0.3256

# Sweetspot

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



92.4916, 0.3174, 0.3261



98.2694, 0.3139, 0.3283



92.3387, 0.3111, 0.3193



21.0519, 0.3138, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

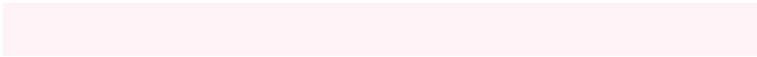


# Same Dimension

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



92.4916, 0.3174, 0.3261



91.5719, 0.3187, 0.3253



93.4192, 0.3191, 0.3308



19.3562, 0.3196, 0.3248



11.4087, 0.5767, 0.2951

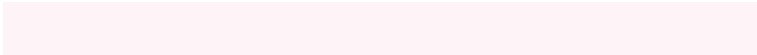


1.1292, 0.5447, 0.2774



# Inverse Universe

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



92.4916, 0.3174, 0.3261



91.5719, 0.3187, 0.3253



96.1291, 0.3066, 0.3272



19.3562, 0.3196, 0.3248



11.4087, 0.5767, 0.2951

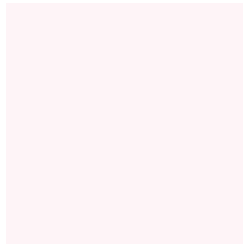


1.1292, 0.5447, 0.2774



# Previews

## White Background



This preview shows how the Yxy color 92.4876, 0.3174, 0.3261 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

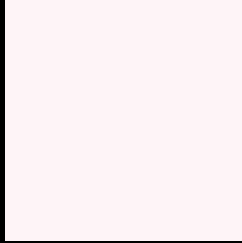
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 92.4876, 0.3174, 0.3261 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

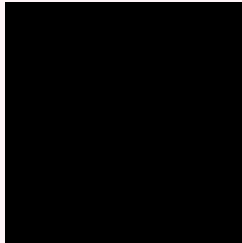
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

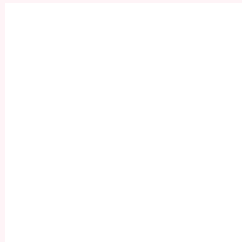
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 92.4876, 0.3174, 0.3261**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.4876, 0.3174, 0.3261.



This preview shows how white text looks on a background with the Yxy color 92.4876, 0.3174, 0.3261.

# 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**

92.4876, 0.3174, 0.3261

**Protanopia**

92.4061, 0.3141, 0.3261

**Deuteranopia**

92.6768, 0.3180, 0.3261



## Tritanopia

92.6168, 0.3113, 0.3184

# Trichromacy



**Original Color**

92.4876, 0.3174, 0.3261

**Protanomaly**

92.5914, 0.3148, 0.3261

**Deuteranomaly**

92.6768, 0.3180, 0.3261

**Tritanomaly**

92.6123, 0.3137, 0.3213

# Monochromacy



**Original Color**

92.4876, 0.3174, 0.3261

**Achromatopsia**

93.0111, 0.3127, 0.3290

**Achromatomaly**

92.9509, 0.3147, 0.3280

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.4876, 0.3174, 0.3261 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(254, 244, 247) looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 247)  
}
```

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(254, 244, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 247) }
```

## Border

The CSS property to change the border of an element to Yxy 92.4876, 0.3174, 0.3261 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(254, 244, 247) }
```

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

```
.border{ border-color:rgb(254, 244, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 244, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 247);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
247) }
```



# Background

The CSS property to change the background color of an element to Yxy 92.4876, 0.3174, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 244, 247) }
```

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

```
.background{ background-color: rgb(254,  
244, 247) }
```

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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