

# Converting Colors

$Yxy(92.0953, 0.3183, 0.3255)$

Have a look what the booklet for  
Yxy(92.0953, 0.3183, 0.3255)  
contains.

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# Color

**Yxy(92.0766, 0.3181, 0.3252)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF3F7
RGB	255, 243, 247
RGB Percent	100%, 95%, 97%
CMY	0.0001, 0.0470, 0.0315
CMYK	0.00, 0.05, 0.03, 0.00
HSL	340°, 99%, 98%
HSV	340°, 5%, 100%
XYZ	90.0663, 92.0766, 100.9955
YIQ	247.0440, 5.8680, 3.7880

# Conversions

## Conversions Part 2

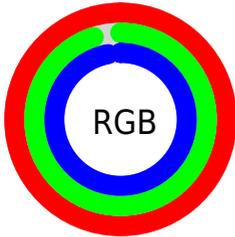
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 243, 247
Decimal	16774135
CIE Lab	96.85, 4.68, -0.48
CIE LCh	97, 4.704, 354.176
Yxy	92.0766, 0.3181, 0.3252
Android (android.graphics.Color)	4294964215 (0xFFFFF3F7)
YUV	247.0440, -0.0217, 6.9774
Hunter-Lab	95.9566, -0.3811, 4.7661

# Details

The Yxy color 92.0766, 0.3181, 0.3252 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.5247, 0.3076, 0.3328, and the grayscale version is 93.0444, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.3080, 0.3188, 0.3241 is the 20% darker color. If you saturate the color by 10%, you get 76.8574, 0.3315, 0.3167, and if you desaturate by 10%, it is 99.9941, 0.3127, 0.3290.

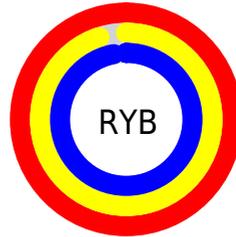
# Distribution



Red (100%)

Green (95%)

Blue (97%)



Red (100%)

Yellow (95%)

Blue (97%)

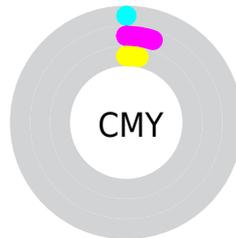


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.0766, 0.3181, 0.3252 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 92.0766, 0.3181, 0.3252 by changing the saturation by 10% instead.

 92.0766, 0.3181,  
0.3252

 92.0766, 0.3181,  
0.3252

534.7630, 0.3157,  
0.3269

 69.7043, 0.3186,  
0.3248

150.2196, 0.3173,  
0.3258

 51.2855, 0.3193,  
0.3244

186.7589, 0.3170,  
0.3260

 36.4358, 0.3200,  
0.3238

228.7895, 0.3167,  
0.3262

 24.7710, 0.3210,  
0.3231

276.6956, 0.3165,  
0.3264

 15.9065, 0.3224,  
0.3222

330.8615, 0.3162,  
0.3265

 9.4580, 0.3242,  
0.3209

391.6719, 0.3160,

 5.0411, 0.3269,

0.3267

0.3190

459.5109, 0.3159,  
0.3268

■ 2.2714, 0.3311,  
0.3160

■ 0.7585, 0.3405,  
0.3092

■ 92.0766, 0.3181,  
0.3252

■ 92.0766, 0.3181,  
0.3252

■ 76.8574, 0.3315,  
0.3167

99.9941, 0.3127,  
0.3290

■ 63.7604, 0.3479,  
0.3078

■ 52.6941, 0.3678,  
0.2987

■ 43.5557, 0.3919,  
0.2900

■ 36.2334, 0.4202,  
0.2824

■ 30.6037, 0.4524,  
0.2771

■ 26.5274, 0.4872,  
0.2753

■ 23.8431, 0.5224,  
0.2781

■ 22.3528, 0.5547,  
0.2859

# Harmonies

## Analogous

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



92.0766, 0.3130, 0.3217



92.0766, 0.3181, 0.3252



92.0766, 0.3218, 0.3297

# Triad

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



92.0766, 0.3181, 0.3252



92.0766, 0.3176, 0.3381



92.0766, 0.3025, 0.3238

# Complementary

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



92.0766, 0.3181, 0.3252



97.5247, 0.3076, 0.3328

# Split Complementary

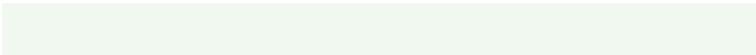
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0766, 0.3038, 0.3282



92.0766, 0.3181, 0.3252



92.0766, 0.3124, 0.3365

# Square

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



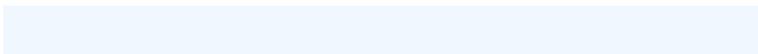
92.0766, 0.3181, 0.3252



92.0766, 0.3215, 0.3372



92.0766, 0.3073, 0.3329



92.0766, 0.3040, 0.3208

# Rectangle

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



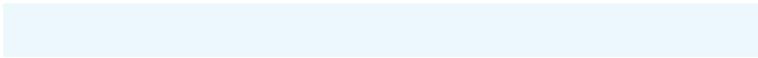
92.0766, 0.3181, 0.3252



92.0766, 0.3229, 0.3328



92.0766, 0.3073, 0.3329



92.0766, 0.3026, 0.3251

# Sweetspot

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



92.0806, 0.3181, 0.3252



98.2743, 0.3138, 0.3282



91.8375, 0.3107, 0.3175



21.0529, 0.3138, 0.3282



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.



92.0806, 0.3181, 0.3252



89.9815, 0.3197, 0.3241



93.0380, 0.3204, 0.3310



19.0366, 0.3205, 0.3236



11.4702, 0.5657, 0.2890



1.1360, 0.5339, 0.2715



# Inverse Universe

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



92.0806, 0.3181, 0.3252



89.9815, 0.3197, 0.3241



96.5125, 0.3054, 0.3270



19.0366, 0.3205, 0.3236



11.4702, 0.5657, 0.2890

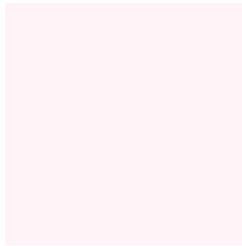


1.1360, 0.5339, 0.2715



# Previews

## White Background



This preview shows how the Yxy color 92.0766, 0.3181, 0.3252 looks on a white background.

## Color Contrast Check

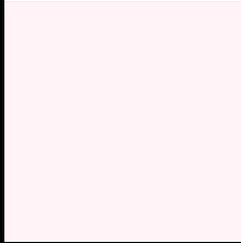
Large Text (above 18pt) WCAG AA × Fail

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 92.0766, 0.3181, 0.3252 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

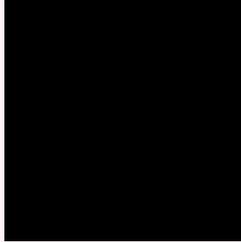
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 92.0766, 0.3181, 0.3252**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.0766, 0.3181, 0.3252.



This preview shows how white text looks on a background with the Yxy color 92.0766, 0.3181, 0.3252.

# 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

92.0766, 0.3181, 0.3252

### Protanopia

92.4061, 0.3141, 0.3261

### Deuteranopia

92.0766, 0.3181, 0.3252



## Tritanopia

92.2038, 0.3120, 0.3175

# Trichromacy



**Original Color**

92.0766, 0.3181, 0.3252

**Protanomaly**

92.1741, 0.3155, 0.3251

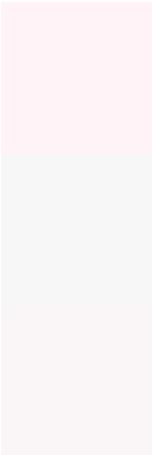
**Deuteranomaly**

92.0766, 0.3181, 0.3252

**Tritanomaly**

92.2003, 0.3144, 0.3203

# Monochromacy



**Original Color**

92.0766, 0.3181, 0.3252

**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 92.0766, 0.3181, 0.3252 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, 243, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 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(255, 243, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 247) }
```

## Border

The CSS property to change the border of an element to Yxy 92.0766, 0.3181, 0.3252 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, 243, 247) }
```

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

```
.border{ border-color:rgb(255, 243, 247) }
```

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

Here you see how a box with a 4 pixel rgb(255, 243, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
247) }
```

# Background

The CSS property to change the background color of an element to Yxy 92.0766, 0.3181, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 247) }
```

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

```
.background{ background-color: rgb(255,  
243, 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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