

# Converting Colors

Yxy(81.1303, 0.3241, 0.3141)

Have a look what the booklet for  
Yxy(81.1303, 0.3241, 0.3141)  
contains.

<b>Yxy(81.4017, 0.3239, 0.3143)</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(81.4017, 0.3239, 0.3143)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE1F0
RGB	255, 225, 240
RGB Percent	100%, 88%, 94%
CMY	0.0000, 0.1176, 0.0589
CMYK	0.00, 0.12, 0.06, 0.00
HSL	330°, 100%, 94%
HSV	330°, 12%, 100%
XYZ	83.8880, 81.4017, 93.7039
YIQ	235.6800, 13.0650, 11.0250

# Conversions

## Conversions Part 2

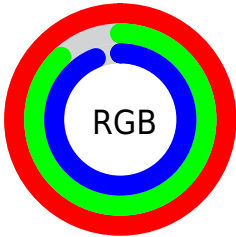
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 225, 240
Decimal	16769520
CIE <sub>Lab</sub>	92.31, 12.76, -3.50
CIE <sub>LCh</sub>	92, 13.229, 344.677
Yxy	81.4017, 0.3239, 0.3143
Android (android.graphics.Color)	4294959600 (0xFFFFE1F0)
YUV	235.6800, 2.1298, 16.9436
Hunter-Lab	90.2229, 8.0769, 1.5785

# Details

The Yxy color **81.4017, 0.3239, 0.3143** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.8201, 0.3028, 0.3442**, and the grayscale version is **83.6001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.2159, 0.3262, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **67.8986, 0.3356, 0.3011**, and if you desaturate by 10%, it is **97.0242, 0.3142, 0.3269**.

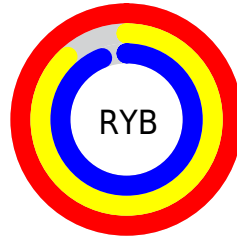
# Distribution



Red (100%)

Green (88%)

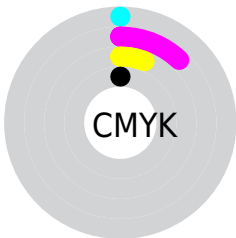
Blue (94%)



Red (100%)

Yellow (88%)

Blue (94%)

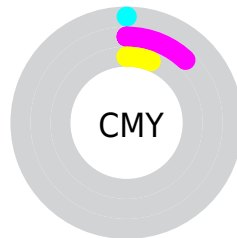


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (12%)


Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 81.4017, 0.3239, 0.3143 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 81.4017, 0.3239, 0.3143 by changing the saturation by 10% instead.




 81.4017, 0.3239,  
0.3143

 81.4017, 0.3239,  
0.3143

499.6442, 0.3189,  
0.3209

 60.8725, 0.3250,  
0.3128


135.3347, 0.3222,  
0.3166

 44.1223, 0.3264,  
0.3111


169.5072, 0.3215,  
0.3174

 30.7666, 0.3281,  
0.3088


208.9963, 0.3209,  
0.3182

 20.4212, 0.3303,  
0.3060

254.1864, 0.3204,  
0.3189

 12.7016, 0.3332,  
0.3022

305.4618, 0.3200,  
0.3195

 7.2234, 0.3373,  
0.2969

363.2070, 0.3196,

 3.6022, 0.3435,

0.3200

0.2891

427.8063, 0.3192,  
0.3205

■ 1.4536, 0.3538,  
0.2762

■ 0.2557, 0.4160,  
0.1918

■ 81.4017, 0.3239,  
0.3143

■ 81.4017, 0.3239,  
0.3143

■ 67.8986, 0.3356,  
0.3011

■ 97.0242, 0.3142,  
0.3269

■ 56.4122, 0.3496,  
0.2876

99.9992, 0.3127,  
0.3290

■ 46.8471, 0.3661,  
0.2743

■ 39.0962, 0.3854,  
0.2621

■ 33.0414, 0.4073,  
0.2520

■ 28.5507, 0.4312,  
0.2453

■ 25.4724, 0.4563,  
0.2432

■ 23.6235, 0.4811,  
0.2467

■ 22.7969, 0.5006,  
0.2531

# Harmonies

## Analogous

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



81.4017, 0.3084, 0.3058



81.4017, 0.3239, 0.3143



81.4017, 0.3366, 0.3266

# Triad

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



81.4017, 0.3239, 0.3143



81.4017, 0.3310, 0.3559



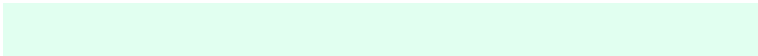
81.4017, 0.2835, 0.3171

# Complementary

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



81.4017, 0.3239, 0.3143



93.8201, 0.3028, 0.3442

# 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.



81.4017, 0.2893, 0.3308



81.4017, 0.3239, 0.3143



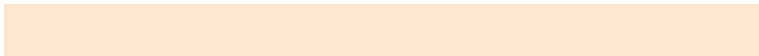
81.4017, 0.3165, 0.3537

# Square

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



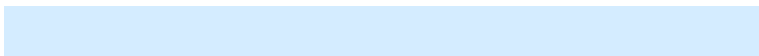
81.4017, 0.3239, 0.3143



81.4017, 0.3407, 0.3506



81.4017, 0.3012, 0.3444



81.4017, 0.2853, 0.3070

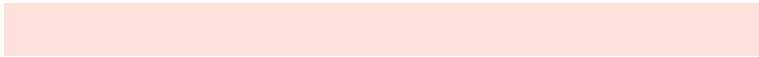


# Rectangle

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



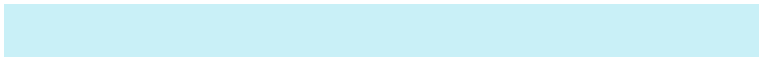
81.4017, 0.3239, 0.3143



81.4017, 0.3417, 0.3355



81.4017, 0.3012, 0.3444



81.4017, 0.2846, 0.3214

# Sweetspot

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



81.4053, 0.3239, 0.3143



93.3390, 0.3162, 0.3241



79.6022, 0.3039, 0.2990



19.7186, 0.3169, 0.3232



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

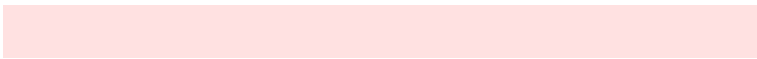
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4053, 0.3239, 0.3143



78.2005, 0.3263, 0.3114



80.5527, 0.3340, 0.3291



18.1382, 0.3216, 0.3172



11.9425, 0.4969, 0.2511



1.1848, 0.4714, 0.2371



# Inverse Universe

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



81.4053, 0.3239, 0.3143



78.2005, 0.3263, 0.3114



94.7463, 0.2946, 0.3289



18.1382, 0.3216, 0.3172



11.9425, 0.4969, 0.2511

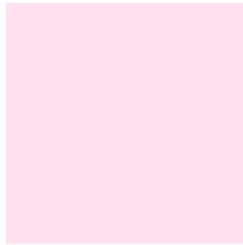


1.1848, 0.4714, 0.2371



# Previews

## White Background



This preview shows how the Yxy color 81.4017, 0.3239, 0.3143 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 81.4017, 0.3239, 0.3143 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

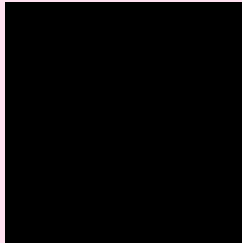
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 81.4017, 0.3239, 0.3143**

## **Background**



This preview shows how black text looks on a background with the Yxy color 81.4017, 0.3239, 0.3143.

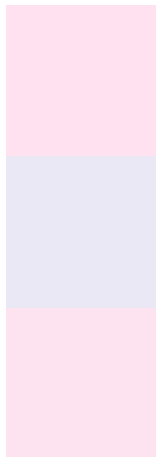


This preview shows how white text looks on a background with the Yxy color 81.4017, 0.3239, 0.3143.

# 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

81.4017, 0.3239, 0.3143

### Protanopia

81.7373, 0.3066, 0.3168

### Deuteranopia

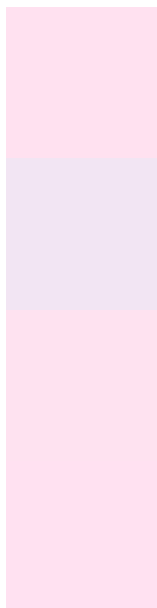
81.5666, 0.3224, 0.3152



## Tritanopia

81.5212, 0.3226, 0.3123

# Trichromacy



## Original Color

81.4017, 0.3239, 0.3143

## Protanomaly

81.3869, 0.3127, 0.3149

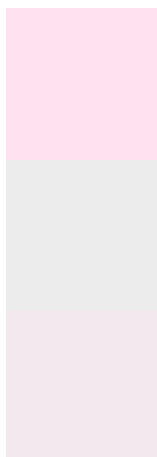
## Deuteranomaly

81.7548, 0.3231, 0.3152

## Tritanomaly

81.4613, 0.3232, 0.3133

# Monochromacy



## Original Color

81.4017, 0.3239, 0.3143

## Achromatopsia

83.8799, 0.3127, 0.3290

## Achromatomaly

82.8823, 0.3170, 0.3240

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 81.4017, 0.3239, 0.3143 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, 225, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 240)  
}
```

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, 225, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 240) }
```

## Border

The CSS property to change the border of an element to Yxy 81.4017, 0.3239, 0.3143 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, 225, 240) }
```

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

```
.border{ border-color:rgb(255, 225, 240) }
```

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

Here you see how a box with a 4 pixel rgb(255, 225, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
240) }
```



# Background

The CSS property to change the background color of an element to Yxy 81.4017, 0.3239, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 240) }
```

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

```
.background{ background-color: rgb(255,  
225, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor