

# Converting Colors

Yxy(53.9018, 0.4554, 0.3163)

Have a look what the booklet for  
Yxy(53.9018, 0.4554, 0.3163)  
contains.

<b>Yxy(43.4081, 0.4127, 0.3125)</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(43.4081, 0.4127, 0.3125)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8F9F
RGB	255, 143, 159
RGB Percent	100%, 56%, 62%
CMY	0.0000, 0.4392, 0.3764
CMYK	0.00, 0.44, 0.38, 0.00
HSL	351°, 100%, 78%
HSV	351°, 44%, 100%
XYZ	57.3265, 43.4081, 38.1713
YIQ	178.3120, 61.6160, 28.7200

# Conversions

## Conversions Part 2

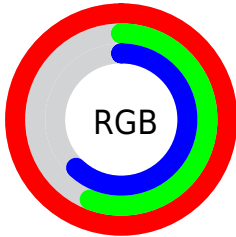
Format	Color
R <sub>YB</sub>	255, 143, 159
Decimal	16748447
CIE Lab	71.83, 43.87, 10.41
CIE LCh	72, 45.086, 13.350
Yxy	43.4081, 0.4127, 0.3125
Android (android.graphics.Color)	4294938527 (0xFFFF8F9F)
YUV	178.3120, -9.5208, 67.2554
Hunter-Lab	65.8848, 40.0146, 11.7688

# Details

The Yxy color **43.4081, 0.4127, 0.3125** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.5890, 0.2603, 0.3473**, and the grayscale version is **44.7207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5032, 0.3460, 0.3127**, and **19.9971, 0.4415, 0.3058** is the 20% darker color. If you saturate the color by 10%, you get **35.9095, 0.4498, 0.3095**, and if you desaturate by 10%, it is **52.7794, 0.3814, 0.3162**.

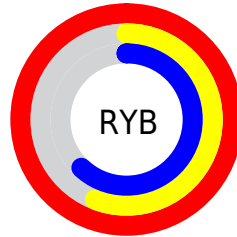
# Distribution



Red (100%)

Green (56%)

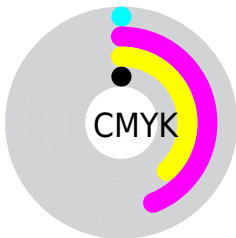
Blue (62%)



Red (100%)

Yellow (56%)

Blue (62%)

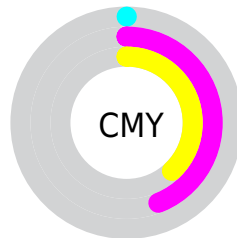


Cyan (0%)

Magenta (44%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (44%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4081, 0.4127, 0.3125 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 43.4081, 0.4127, 0.3125 by changing the saturation by 10% instead.




 43.4081, 0.4127,  
0.3125


 43.4081, 0.4127,  
0.3125


360.2874, 0.3618,  
0.3221

 30.2054, 0.4256,  
0.3097


 80.3263, 0.3940,  
0.3163

 19.9946, 0.4423,  
0.3059


 104.8107, 0.3871,  
0.3176

 12.3911, 0.4645,  
0.3005


133.8244, 0.3812,  
0.3187

 7.0106, 0.4955,  
0.2922

167.7519, 0.3762,  
0.3196

 3.4687, 0.5413,  
0.2787

206.9776, 0.3718,  
0.3204

 1.3811, 0.6166,  
0.2547

251.8858, 0.3680,

 0.2027, 0.8684,

0.3210

0.1316

302.8609, 0.3647,  
0.3216

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

43.4081, 0.4127,  
0.3125

43.4081, 0.4127,  
0.3125

35.9095, 0.4498,  
0.3095

52.7794, 0.3814,  
0.3162

30.1588, 0.4919,  
0.3079

64.1400, 0.3557,  
0.3201

26.0134, 0.5361,  
0.3085

77.5946, 0.3350,  
0.3240

23.3086, 0.5775,  
0.3117

93.2415, 0.3183,  
0.3276

■ 21.8442, 0.6100,  
0.3174

100.0000, 0.3127,  
0.3290

■ 21.3905, 0.6241,  
0.3212

# Harmonies

## Analogous

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



43.4081, 0.3546, 0.2698



43.4081, 0.4127, 0.3125



43.4081, 0.4406, 0.3613

# Triad

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



43.4081, 0.4127, 0.3125



43.4081, 0.3257, 0.4426



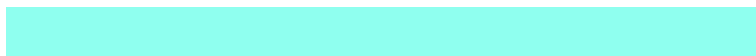
43.4081, 0.2055, 0.2399

# Complementary

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



43.4081, 0.4127, 0.3125



83.5890, 0.2603, 0.3473

# 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.



43.4081, 0.1997, 0.2758



43.4081, 0.4127, 0.3125



43.4081, 0.2650, 0.4009

# Square

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



43.4081, 0.4127, 0.3125



43.4081, 0.3861, 0.4416



43.4081, 0.2200, 0.3349



43.4081, 0.2361, 0.2290



# Rectangle

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



43.4081, 0.4127, 0.3125



43.4081, 0.4372, 0.3935



43.4081, 0.2200, 0.3349



43.4081, 0.2007, 0.2490

# Sweetspot

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



43.4075, 0.4127, 0.3125



78.9467, 0.3333, 0.3243



45.0749, 0.3035, 0.2164



16.2130, 0.3374, 0.3235



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.



43.4075, 0.4127, 0.3125



36.5268, 0.4462, 0.3098



56.7794, 0.4105, 0.3702



18.0294, 0.3272, 0.3256



11.1897, 0.6212, 0.3196



1.1016, 0.5948, 0.3051



# Inverse Universe

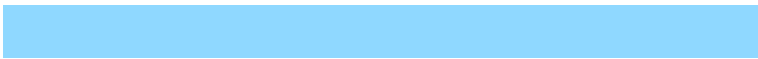
The Inverse Universe completely reimagines the original color for something new.



43.4075, 0.4127, 0.3125



36.5268, 0.4462, 0.3098



62.0675, 0.2453, 0.2825



18.0294, 0.3272, 0.3256



11.1897, 0.6212, 0.3196



1.1016, 0.5948, 0.3051



# Previews

## White Background



This preview shows how the Yxy color 43.4081, 0.4127, 0.3125 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

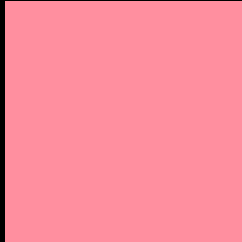
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 43.4081, 0.4127, 0.3125 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 43.4081, 0.4127, 0.3125**

## Background



This preview shows how black text looks on a background with the Yxy color 43.4081, 0.4127, 0.3125.



This preview shows how white text looks on a background with the Yxy color 43.4081, 0.4127, 0.3125.

# 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

43.4081, 0.4127, 0.3125

### Protanopia

43.8087, 0.3145, 0.3277

### Deuteranopia

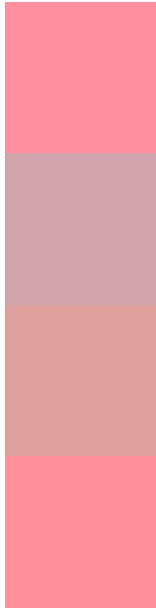
43.5001, 0.3560, 0.3496



## Tritanopia

43.5396, 0.4178, 0.3188

# Trichromacy



## Original Color

43.4081, 0.4127, 0.3125

## Protanomaly

42.7186, 0.3483, 0.3216

## Deuteranomaly

42.9141, 0.3766, 0.3340

## Tritanomaly

43.6068, 0.4156, 0.3167

# Monochromacy



## Original Color

43.4081, 0.4127, 0.3125

## Achromatopsia

44.5201, 0.3127, 0.3290

## Achromatomaly

42.9724, 0.3462, 0.3216

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.4081, 0.4127, 0.3125 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, 143, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 159)  
}
```

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, 143, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 159) }
```

## Border

The CSS property to change the border of an element to Yxy 43.4081, 0.4127, 0.3125 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, 143, 159) }
```

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

```
.border{ border-color:rgb(255, 143, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
159) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.4081, 0.4127, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 159) }
```

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

```
.background{ background-color: rgb(255,  
143, 159) }
```

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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