

# Converting Colors

$Yxy(84.3994, 0.5142, 0.3208)$

Have a look what the booklet for  
Yxy(84.3994, 0.5142, 0.3208)  
contains.

<b>Yxy(44.7361, 0.4079, 0.3135)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(44.7361, 0.4079, 0.3135)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF93A2
RGB	255, 147, 162
RGB Percent	100%, 58%, 64%
CMY	0.0000, 0.4236, 0.3646
CMYK	0.00, 0.42, 0.36, 0.00
HSL	352°, 100%, 79%
HSV	352°, 42%, 100%
XYZ	58.2069, 44.7361, 39.7559
YIQ	181.0020, 59.5530, 27.5610

# Conversions

## Conversions Part 2

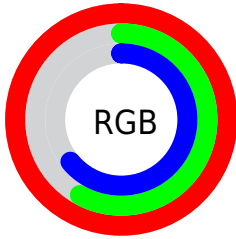
Format	Color
R <sub>Y</sub> B	255, 147, 162
Decimal	16749474
CIE Lab	72.72, 42.20, 10.01
CIE LCh	73, 43.370, 13.350
Yxy	44.7361, 0.4079, 0.3135
Android (android.graphics.Color)	4294939554 (0xFFFF93A2)
YUV	181.0020, -9.3680, 64.8962
Hunter-Lab	66.8851, 38.2912, 11.5781

# Details

The Yxy color **44.7361, 0.4079, 0.3135** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.0107, 0.2616, 0.3460**, and the grayscale version is **46.2310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9816, 0.3429, 0.3148**, and **20.7552, 0.4344, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **36.9475, 0.4443, 0.3105**, and if you desaturate by 10%, it is **54.4081, 0.3773, 0.3171**.

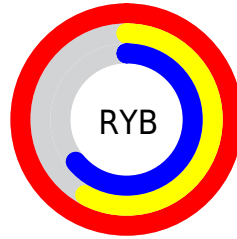
# Distribution



Red (100%)

Green (58%)

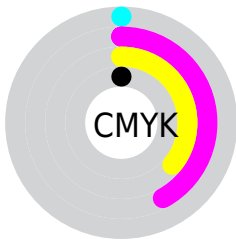
Blue (64%)



Red (100%)

Yellow (58%)

Blue (64%)

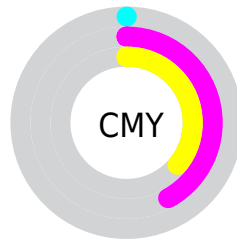


Cyan (0%)

Magenta (42%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (42%)


Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7361, 0.4079, 0.3135 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 44.7361, 0.4079, 0.3135 by changing the saturation by 10% instead.




 44.7361, 0.4079,  
0.3135


 44.7361, 0.4079,  
0.3135


365.7037, 0.3596,  
0.3224

 31.2496, 0.4201,  
0.3109


 82.3243, 0.3902,  
0.3170

 20.7890, 0.4357,  
0.3074


 107.1947, 0.3837,  
0.3182

 12.9699, 0.4566,  
0.3025


136.6286, 0.3781,  
0.3193

 7.4078, 0.4856,  
0.2950

171.0104, 0.3733,  
0.3201

 3.7184, 0.5283,  
0.2827

210.7244, 0.3692,  
0.3208

 1.5173, 0.5967,  
0.2604

256.1550, 0.3656,

 0.3009, 0.8242,

0.3214

0.1758

307.6866, 0.3624,  
0.3220

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

44.7361, 0.4079,  
0.3135

44.7361, 0.4079,  
0.3135

36.9475, 0.4443,  
0.3105

54.4081, 0.3773,  
0.3171

30.9331, 0.4860,  
0.3087

66.0921, 0.3524,  
0.3210

26.5484, 0.5303,  
0.3089

79.8874, 0.3322,  
0.3247

23.6326, 0.5725,  
0.3116

95.8910, 0.3160,  
0.3282

■ 21.9925, 0.6067, 100.0000, 0.3127,  
0.3169 0.3290

■ 21.3843, 0.6248,  
0.3216

# Harmonies

## Analogous

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



44.7361, 0.3528, 0.2724



44.7361, 0.4079, 0.3135



44.7361, 0.4345, 0.3604

# Triad

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



44.7361, 0.4079, 0.3135



44.7361, 0.3255, 0.4367



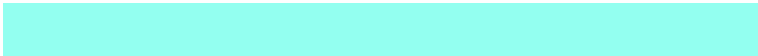
44.7361, 0.2100, 0.2439

# Complementary

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



44.7361, 0.4079, 0.3135



84.0107, 0.2616, 0.3460

# 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.



44.7361, 0.2045, 0.2785



44.7361, 0.4079, 0.3135



44.7361, 0.2674, 0.3972

# Square

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



44.7361, 0.4079, 0.3135



44.7361, 0.3831, 0.4365



44.7361, 0.2241, 0.3349



44.7361, 0.2395, 0.2332



# Rectangle

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



44.7361, 0.4079, 0.3135



44.7361, 0.4315, 0.3912



44.7361, 0.2241, 0.3349



44.7361, 0.2054, 0.2527

# Sweetspot

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



44.7310, 0.4079, 0.3135



78.9394, 0.3334, 0.3245



46.3973, 0.3039, 0.2203



16.2112, 0.3375, 0.3236



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.



44.7310, 0.4079, 0.3135



37.8992, 0.4390, 0.3108



57.9754, 0.4059, 0.3688



18.0282, 0.3272, 0.3257



11.1862, 0.6220, 0.3200



1.1011, 0.5960, 0.3057



# Inverse Universe

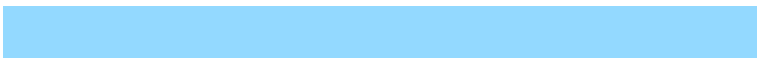
The Inverse Universe completely reimagines the original color for something new.



44.7310, 0.4079, 0.3135



37.8992, 0.4390, 0.3108



63.1470, 0.2475, 0.2845



18.0282, 0.3272, 0.3257



11.1862, 0.6220, 0.3200

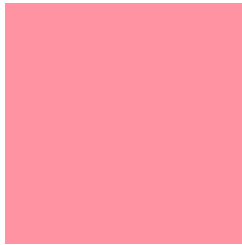


1.1011, 0.5960, 0.3057



# Previews

## White Background



This preview shows how the Yxy color 44.7361, 0.4079, 0.3135 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 44.7361, 0.4079, 0.3135 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 44.7361, 0.4079, 0.3135**

## **Background**



This preview shows how black text looks on a background with the Yxy color 44.7361, 0.4079, 0.3135.



This preview shows how white text looks on a background with the Yxy color 44.7361, 0.4079, 0.3135.

# 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

44.7361, 0.4079, 0.3135

### Protanopia

45.0405, 0.3154, 0.3277

### Deuteranopia

44.8110, 0.3546, 0.3468



## Tritanopia

44.9084, 0.4117, 0.3188

# Trichromacy



## Original Color

44.7361, 0.4079, 0.3135



## Protanomaly

44.2099, 0.3468, 0.3217



## Deuteranomaly

44.3856, 0.3746, 0.3339



## Tritanomaly

44.9430, 0.4107, 0.3177

# Monochromacy



## Original Color

44.7361, 0.4079, 0.3135



## Achromatopsia

46.2077, 0.3127, 0.3290



## Achromatomaly

44.8418, 0.3445, 0.3229

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.7361, 0.4079, 0.3135 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, 147, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 162)  
}
```

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, 147, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 162) }
```

## Border

The CSS property to change the border of an element to Yxy 44.7361, 0.4079, 0.3135 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, 147, 162) }
```

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

```
.border{ border-color:rgb(255, 147, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
162) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.7361, 0.4079, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 162) }
```

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

```
.background{ background-color: rgb(255,  
147, 162) }
```

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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