

Converting Colors

Yxy(44.9746, 0.4101, 0.3173)

Have a look what the booklet for
Yxy(44.9746, 0.4101, 0.3173)
contains.

Yxy(44.9430, 0.4107, 0.3177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.9430, 0.4107, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	FF949F
RGB	255, 148, 159
RGB Percent	100%, 58%, 62%
CMY	0.0000, 0.4197, 0.3764
CMYK	0.00, 0.42, 0.38, 0.00
HSL	354°, 100%, 79%
HSV	354°, 42%, 100%
XYZ	58.0991, 44.9430, 38.4215
YIQ	181.2470, 60.2410, 26.1050

Conversions

Conversions Part 2

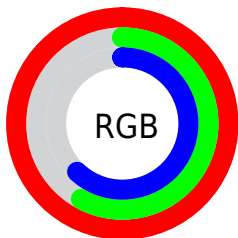
Format	Color
R _Y B	255, 148, 159
Decimal	16749727
CIE Lab	72.85, 41.35, 11.87
CIE LCh	73, 43.016, 16.014
Yxy	44.9430, 0.4107, 0.3177
Android (android.graphics.Color)	4294939807 (0xFFFF949F)
YUV	181.2470, -10.9678, 64.6814
Hunter-Lab	67.0395, 37.3760, 12.9475

Details

The Yxy color **44.9430, 0.4107, 0.3177** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.3438, 0.2602, 0.3414**, and the grayscale version is **46.3796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8269, 0.3451, 0.3179**, and **20.8692, 0.4384, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **37.0797, 0.4485, 0.3155**, and if you desaturate by 10%, it is **54.7055, 0.3789, 0.3204**.

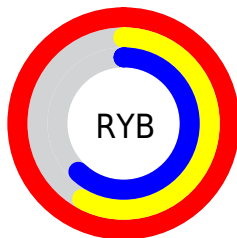
Distribution



Red (100%)

Green (58%)

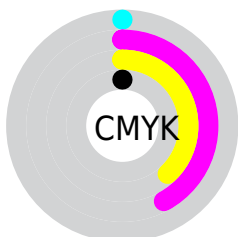
Blue (62%)



Red (100%)

Yellow (58%)

Blue (62%)

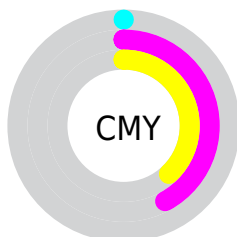


Cyan (0%)

Magenta (42%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9430, 0.4107, 0.3177 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 44.9430, 0.4107, 0.3177 by changing the saturation by 10% instead.


 44.9430, 0.4107,
0.3177

 44.9430, 0.4107,
0.3177


366.5427, 0.3610,
0.3247

 31.4125, 0.4232,
0.3155


 82.6349, 0.3925,
0.3206

 20.9132, 0.4393,
0.3126


 107.5651, 0.3857,
0.3215

 13.0606, 0.4608,
0.3082


137.0640, 0.3800,
0.3223

 7.4703, 0.4905,
0.3014

171.5159, 0.3751,
0.3230

 3.7579, 0.5342,
0.2899

211.3054, 0.3709,
0.3235

 1.5391, 0.6051,
0.2691

256.8167, 0.3672,

 0.3160, 0.8160,

0.3240

0.1840

308.4344, 0.3639,
0.3244

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.9430, 0.4107,
0.3177

44.9430, 0.4107,
0.3177

37.0797, 0.4485,
0.3155

54.7055, 0.3789,
0.3204

31.0048, 0.4917,
0.3143

66.4952, 0.3531,
0.3232

26.5733, 0.5374,
0.3146

80.4122, 0.3323,
0.3259

23.6244, 0.5801,
0.3169

96.5542, 0.3156,
0.3285

■ 21.9644, 0.6135,
0.3211

100.0000, 0.3127,
0.3290

■ 21.3359, 0.6306,
0.3248

Harmonies

Analogous

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



44.9430, 0.3579, 0.2761



44.9430, 0.4107, 0.3177



44.9430, 0.4339, 0.3644

Triad

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



44.9430, 0.4107, 0.3177



44.9430, 0.3201, 0.4336



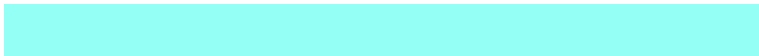
44.9430, 0.2125, 0.2428

Complementary

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



44.9430, 0.4107, 0.3177



84.3438, 0.2602, 0.3414

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.



44.9430, 0.2049, 0.2750



44.9430, 0.4107, 0.3177



44.9430, 0.2632, 0.3915

Square

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



44.9430, 0.4107, 0.3177



44.9430, 0.3779, 0.4370



44.9430, 0.2222, 0.3293



44.9430, 0.2439, 0.2341

Rectangle

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



44.9430, 0.4107, 0.3177



44.9430, 0.4288, 0.3946



44.9430, 0.2222, 0.3293



44.9430, 0.2072, 0.2509

Sweetspot

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



44.9383, 0.4107, 0.3177



78.8738, 0.3342, 0.3256



47.3629, 0.3071, 0.2223



16.1953, 0.3385, 0.3250



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.



44.9383, 0.4107, 0.3177



38.4808, 0.4406, 0.3159



59.7954, 0.4031, 0.3721



18.0175, 0.3278, 0.3266



11.1583, 0.6283, 0.3235



1.0960, 0.6066, 0.3115

Inverse Universe

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



44.9383, 0.4107, 0.3177



38.4808, 0.4406, 0.3159



61.5957, 0.2473, 0.2806



18.0175, 0.3278, 0.3266



11.1583, 0.6283, 0.3235



1.0960, 0.6066, 0.3115

Previews

White Background



This preview shows how the Yxy color 44.9430, 0.4107, 0.3177 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 44.9430, 0.4107, 0.3177 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 44.9430, 0.4107, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 44.9430, 0.4107, 0.3177.



This preview shows how white text looks on a background with the Yxy color 44.9430, 0.4107, 0.3177.

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

44.9430, 0.4107, 0.3177

Protanopia

45.0032, 0.3195, 0.3330

Deuteranopia

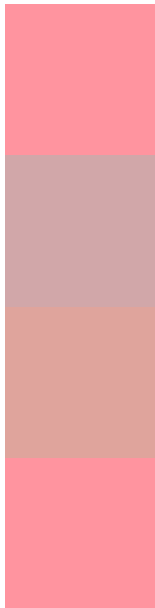
45.2328, 0.3580, 0.3518



Tritanopia

44.9430, 0.4107, 0.3177

Trichromacy



Original Color

44.9430, 0.4107, 0.3177

Protanomaly

44.0573, 0.3505, 0.3266

Deuteranomaly

44.6392, 0.3772, 0.3387

Tritanomaly

44.9430, 0.4107, 0.3177

Monochromacy



Original Color

44.9430, 0.4107, 0.3177

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.8030, 0.3454, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9430, 0.4107, 0.3177 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, 148, 159)` looks like.

```
.text, #text, p{  
  color:rgb(255, 148, 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, 148, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 159) }
```

Border

The CSS property to change the border of an element to Yxy 44.9430, 0.4107, 0.3177 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, 148, 159) }
```

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

```
.border{ border-color:rgb(255, 148, 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, 148, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9430, 0.4107, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 159) }
```

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

```
.background{ background-color: rgb(255,  
148, 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](#).

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