

Converting Colors

$Yxy(43.9816, 0.4130, 0.3157)$

Have a look what the booklet for
Yxy(43.9816, 0.4130, 0.3157)
contains.

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Color

Yxy(43.9794, 0.4130, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	FF919E
RGB	255, 145, 158
RGB Percent	100%, 57%, 62%
CMY	0.0000, 0.4313, 0.3805
CMYK	0.00, 0.43, 0.38, 0.00
HSL	353°, 100%, 78%
HSV	353°, 43%, 100%
XYZ	57.5340, 43.9794, 37.7941
YIQ	179.3720, 61.3870, 27.3630

Conversions

Conversions Part 2

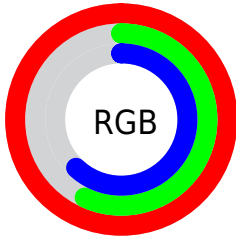
Format	Color
R _Y B	255, 145, 158
Decimal	16748958
CIE Lab	72.21, 42.72, 11.54
CIE LCh	72, 44.254, 15.112
Yxy	43.9794, 0.4130, 0.3157
Android (android.graphics.Color)	4294939038 (0xFFFF919E)
YUV	179.3720, -10.5364, 66.3258
Hunter-Lab	66.3170, 38.8050, 12.6324

Details

The Yxy color **43.9794, 0.4130, 0.3157** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.9502, 0.2598, 0.3436**, and the grayscale version is **45.3220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3726, 0.3464, 0.3158**, and **20.3179, 0.4418, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **36.3382, 0.4509, 0.3133**, and if you desaturate by 10%, it is **53.5155, 0.3812, 0.3187**.

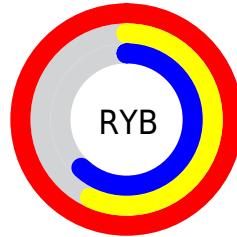
Distribution



Red (100%)

Green (57%)

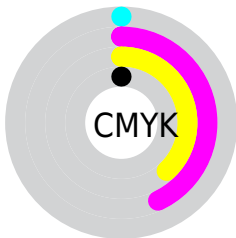
Blue (62%)



Red (100%)

Yellow (57%)

Blue (62%)

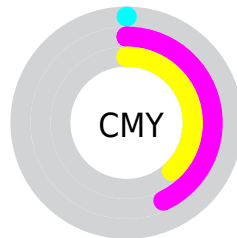


Cyan (0%)

Magenta (43%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (43%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9794, 0.4130, 0.3157 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 43.9794, 0.4130, 0.3157 by changing the saturation by 10% instead.


 43.9794, 0.4130,
0.3157

 43.9794, 0.4130,
0.3157


362.6242, 0.3620,
0.3238

 30.6543, 0.4259,
0.3133


 81.1867, 0.3943,
0.3189

 20.3358, 0.4425,
0.3099


 105.8378, 0.3873,
0.3201

 12.6393, 0.4647,
0.3050


135.0330, 0.3814,
0.3210

 7.1807, 0.4955,
0.2975

169.1566, 0.3764,
0.3217

 3.5753, 0.5409,
0.2849

208.5932, 0.3721,
0.3224

 1.4390, 0.6159,
0.2626

253.7270, 0.3683,

 0.2452, 0.8468,

0.3229

0.1532

304.9426, 0.3649,
0.3234

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.9794, 0.4130,
0.3157

43.9794, 0.4130,
0.3157

36.3382, 0.4509,
0.3133

53.5155, 0.3812,
0.3187

30.4590, 0.4939,
0.3120

65.0543, 0.3551,
0.3220

26.2025, 0.5390,
0.3124

78.7036, 0.3341,
0.3251

23.4053, 0.5810,
0.3152

94.5614, 0.3173,
0.3281

■ 21.8695, 0.6135,
0.3200

99.9990, 0.3127,
0.3290

■ 21.3531, 0.6284,
0.3236

Harmonies

Analogous

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



43.9794, 0.3575, 0.2732



43.9794, 0.4130, 0.3157



43.9794, 0.4381, 0.3637

Triad

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



43.9794, 0.4130, 0.3157



43.9794, 0.3219, 0.4385



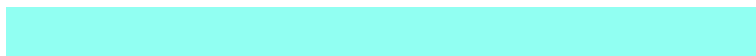
43.9794, 0.2087, 0.2405

Complementary

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



43.9794, 0.4130, 0.3157



83.9502, 0.2598, 0.3436

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.



43.9794, 0.2016, 0.2743



43.9794, 0.4130, 0.3157



43.9794, 0.2630, 0.3957

Square

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



43.9794, 0.4130, 0.3157



43.9794, 0.3815, 0.4403



43.9794, 0.2201, 0.3311



43.9794, 0.2402, 0.2311

Rectangle

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



43.9794, 0.4130, 0.3157



43.9794, 0.4334, 0.3951



43.9794, 0.2201, 0.3311



43.9794, 0.2036, 0.2490

Sweetspot

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



43.9816, 0.4130, 0.3157



78.9006, 0.3339, 0.3252



46.0575, 0.3053, 0.2189



16.2018, 0.3381, 0.3245



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.



43.9816, 0.4130, 0.3157



37.1134, 0.4463, 0.3135



58.1439, 0.4073, 0.3714



18.0219, 0.3276, 0.3262



11.1689, 0.6259, 0.3222



1.0981, 0.6022, 0.3091

Inverse Universe

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



43.9816, 0.4130, 0.3157



37.1134, 0.4463, 0.3135



61.6726, 0.2460, 0.2812



18.0219, 0.3276, 0.3262



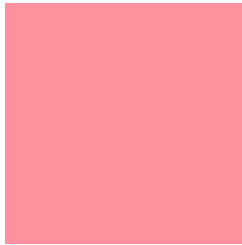
11.1689, 0.6259, 0.3222



1.0981, 0.6022, 0.3091

Previews

White Background



This preview shows how the Yxy color 43.9794, 0.4130, 0.3157 looks on a white background.

Color Contrast Check

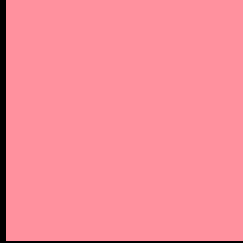
Large Text (above 18pt) WCAG AA × Fail

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 43.9794, 0.4130, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

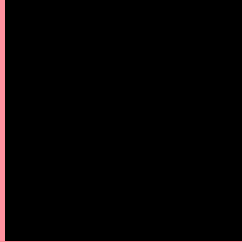
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9794, 0.4130, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 43.9794, 0.4130, 0.3157.



This preview shows how white text looks on a background with the Yxy color 43.9794, 0.4130, 0.3157.

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

43.9794, 0.4130, 0.3157

Protanopia

44.3632, 0.3179, 0.3317

Deuteranopia

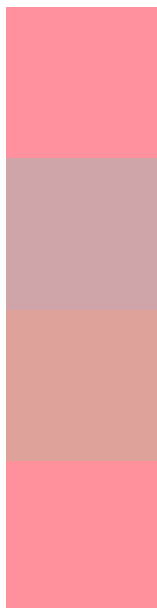
44.1222, 0.3585, 0.3520



Tritanopia

43.9111, 0.4151, 0.3178

Trichromacy



Original Color

43.9794, 0.4130, 0.3157

Protanomaly

43.1847, 0.3500, 0.3241

Deuteranomaly

43.7368, 0.3779, 0.3376

Tritanomaly

43.9451, 0.4141, 0.3167

Monochromacy



Original Color

43.9794, 0.4130, 0.3157

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.8431, 0.3467, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9794, 0.4130, 0.3157 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, 145, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 158)  
}
```

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, 145, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 158) }
```

Border

The CSS property to change the border of an element to Yxy 43.9794, 0.4130, 0.3157 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, 145, 158) }
```

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

```
.border{ border-color:rgb(255, 145, 158) }
```

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

Here you see how a box with a 4 pixel rgb(255, 145, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9794, 0.4130, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 158) }
```

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

```
.background{ background-color: rgb(255,  
145, 158) }
```

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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