

Converting Colors

$Y_{xy}(43.7673, 0.4156, 0.3176)$

Have a look what the booklet for
Yxy(43.7673, 0.4156, 0.3176)
contains.

Yxy(43.9111, 0.4151, 0.3178)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.9111, 0.4151, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	FF919C
RGB	255, 145, 156
RGB Percent	100%, 57%, 61%
CMY	0.0002, 0.4312, 0.3882
CMYK	0.00, 0.43, 0.39, 0.00
HSL	354°, 100%, 78%
HSV	354°, 43%, 100%
XYZ	57.3552, 43.9111, 36.9058
YIQ	179.1440, 62.0290, 26.7410

Conversions

Conversions Part 2

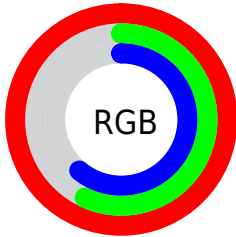
Format	Color
R _Y B	255, 145, 156
Decimal	16748956
CIE Lab	72.17, 42.48, 12.57
CIE LCh	72, 44.302, 16.482
Yxy	43.9111, 0.4151, 0.3178
Android (android.graphics.Color)	4294939036 (0xFFFF919C)
YUV	179.1440, -11.4100, 66.5257
Hunter-Lab	66.2655, 38.5339, 13.3649

Details

The Yxy color **43.9111, 0.4151, 0.3178** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.0479, 0.2589, 0.3413**, and the grayscale version is **45.2003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2217, 0.3488, 0.3189**, and **20.2763, 0.4449, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **36.2688, 0.4538, 0.3158**, and if you desaturate by 10%, it is **53.4530, 0.3825, 0.3203**.

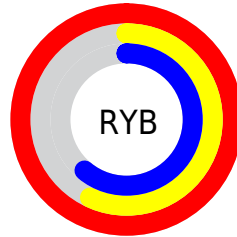
Distribution



Red (100%)

Green (57%)

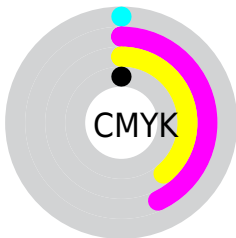
Blue (61%)



Red (100%)

Yellow (57%)

Blue (61%)

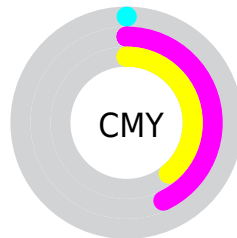


Cyan (0%)

Magenta (43%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9111, 0.4151, 0.3178 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 43.9111, 0.4151, 0.3178 by changing the saturation by 10% instead.


 43.9111, 0.4151,
0.3178


 43.9111, 0.4151,
0.3178


362.3454, 0.3630,
0.3249

 30.6006, 0.4283,
0.3156


 81.0840, 0.3960,
0.3207

 20.2949, 0.4453,
0.3124


 105.7151, 0.3889,
0.3217

 12.6096, 0.4679,
0.3078


134.8886, 0.3829,
0.3225

 7.1603, 0.4994,
0.3006

168.9889, 0.3777,
0.3232

 3.5625, 0.5456,
0.2882

208.4003, 0.3733,
0.3237

 1.4320, 0.6237,
0.2668

253.5073, 0.3694,

 0.2401, 0.8481,

0.3242

0.1519

304.6942, 0.3660,
0.3246

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.9111, 0.4151,
0.3178

43.9111, 0.4151,
0.3178

36.2688, 0.4538,
0.3158

53.4530, 0.3825,
0.3203

30.3928, 0.4976,
0.3148

65.0028, 0.3559,
0.3231

26.1433, 0.5433,
0.3153

78.6687, 0.3345,
0.3257

23.3560, 0.5853,
0.3178

94.5490, 0.3173,
0.3283

■ 21.8324, 0.6171,
0.3220

99.9924, 0.3127,
0.3290

■ 21.3245, 0.6311,
0.3250

Harmonies

Analogous

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



43.9111, 0.3605, 0.2748



43.9111, 0.4151, 0.3178



43.9111, 0.4385, 0.3660

Triad

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



43.9111, 0.4151, 0.3178



43.9111, 0.3191, 0.4376



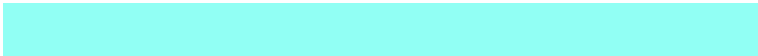
43.9111, 0.2095, 0.2394

Complementary

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



43.9111, 0.4151, 0.3178



84.0479, 0.2589, 0.3413

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.



43.9111, 0.2012, 0.2721



43.9111, 0.4151, 0.3178



43.9111, 0.2605, 0.3931

Square

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



43.9111, 0.4151, 0.3178



43.9111, 0.3791, 0.4412



43.9111, 0.2185, 0.3281



43.9111, 0.2421, 0.2310

Rectangle

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



43.9111, 0.4151, 0.3178



43.9111, 0.4327, 0.3972



43.9111, 0.2185, 0.3281



43.9111, 0.2040, 0.2475

Sweetspot

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



43.9133, 0.4151, 0.3178



78.8678, 0.3343, 0.3258



46.7052, 0.3084, 0.2200



16.1938, 0.3386, 0.3252



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.



43.9133, 0.4151, 0.3178



37.0447, 0.4492, 0.3160



59.6942, 0.4055, 0.3751



18.0165, 0.3279, 0.3267



11.1561, 0.6289, 0.3238



1.0956, 0.6076, 0.3121

Inverse Universe

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



43.9133, 0.4151, 0.3178



37.0447, 0.4492, 0.3160



59.8229, 0.2453, 0.2767



18.0165, 0.3279, 0.3267



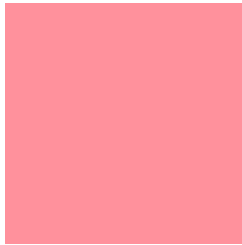
11.1561, 0.6289, 0.3238



1.0956, 0.6076, 0.3121

Previews

White Background



This preview shows how the Yxy color 43.9111, 0.4151, 0.3178 looks on a white background.

Color Contrast Check

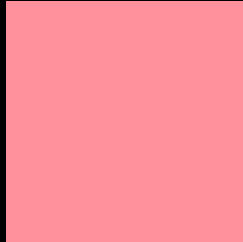
Large Text (above 18pt) WCAG AA × Fail

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 43.9111, 0.4151, 0.3178 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 43.9111, 0.4151, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 43.9111, 0.4151, 0.3178.



This preview shows how white text looks on a background with the Yxy color 43.9111, 0.4151, 0.3178.

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

43.9111, 0.4151, 0.3178

Protanopia

44.4065, 0.3204, 0.3343

Deuteranopia

44.2302, 0.3604, 0.3532



Tritanopia

43.9111, 0.4151, 0.3178

Trichromacy



Original Color

43.9111, 0.4151, 0.3178



Protanomaly

43.2556, 0.3528, 0.3266



Deuteranomaly

43.8285, 0.3808, 0.3399



Tritanomaly

43.9111, 0.4151, 0.3178

Monochromacy



Original Color

43.9111, 0.4151, 0.3178



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 43.9111, 0.4151, 0.3178 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, 156)` looks like.

```
.text, #text, p{  
  color:rgb(255, 145, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 156) }
```

Border

The CSS property to change the border of an element to Yxy 43.9111, 0.4151, 0.3178 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, 156) }
```

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

```
.border{ border-color:rgb(255, 145, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9111, 0.4151, 0.3178 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, 156) }
```

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

```
.background{ background-color: rgb(255,  
145, 156) }
```

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