

Converting Colors

$Y_{xy}(43.8148, 0.4141, 0.3161)$

Have a look what the booklet for
Yxy(43.8148, 0.4141, 0.3161)
contains.

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Color

Yxy(43.9451, 0.4141, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	FF919D
RGB	255, 145, 157
RGB Percent	100%, 57%, 62%
CMY	0.0000, 0.4314, 0.3843
CMYK	0.00, 0.43, 0.38, 0.00
HSL	353°, 100%, 78%
HSV	353°, 43%, 100%
XYZ	57.4603, 43.9451, 37.3540
YIQ	179.2580, 61.7080, 27.0520

Conversions

Conversions Part 2

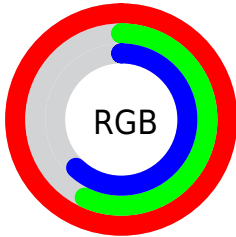
Format	Color
R_{YB}	255, 145, 157
Decimal	16748957
CIE _{Lab}	72.19, 42.64, 12.05
CIE _{LCh}	72, 44.310, 15.774
Yxy	43.9451, 0.4141, 0.3167
Android (android.graphics.Color)	4294939037 (0xFFFF919D)
YUV	179.2580, -10.9732, 66.4257
Hunter-Lab	66.2911, 38.7121, 12.9948

Details

The Yxy color **43.9451, 0.4141, 0.3167** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.0085, 0.2594, 0.3425**, and the grayscale version is **45.2540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2717, 0.3480, 0.3178**, and **20.2970, 0.4434, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **36.2992, 0.4524, 0.3145**, and if you desaturate by 10%, it is **53.4761, 0.3819, 0.3195**.

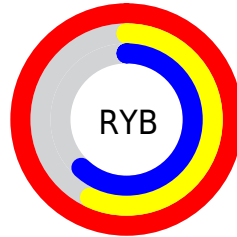
Distribution



Red (100%)

Green (57%)

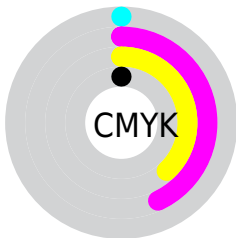
Blue (62%)



Red (100%)

Yellow (57%)

Blue (62%)

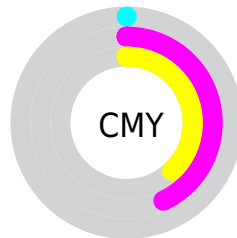


Cyan (0%)

Magenta (43%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9451, 0.4141, 0.3167 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 43.9451, 0.4141, 0.3167 by changing the saturation by 10% instead.


 43.9451, 0.4141,
0.3167

 43.9451, 0.4141,
0.3167


362.4842, 0.3625,
0.3243

 30.6274, 0.4272,
0.3144


 81.1351, 0.3952,
0.3198

 20.3153, 0.4440,
0.3111


 105.7762, 0.3881,
0.3209

 12.6244, 0.4664,
0.3064

134.9605, 0.3822,
0.3217

 7.1704, 0.4975,
0.2990

169.0724, 0.3771,
0.3224

 3.5689, 0.5434,
0.2865

208.4963, 0.3727,
0.3230

 1.4355, 0.6199,
0.2645

253.6167, 0.3689,

 0.2426, 0.8475,

0.3235

0.1525

304.8178, 0.3655,
0.3239

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.9451, 0.4141,
0.3167

43.9451, 0.4141,
0.3167

36.2992, 0.4524,
0.3145

53.4761, 0.3819,
0.3195

30.4235, 0.4958,
0.3133

65.0187, 0.3556,
0.3225

26.1723, 0.5412,
0.3138

78.6746, 0.3343,
0.3254

23.3819, 0.5832,
0.3164

94.5421, 0.3173,
0.3282

■ 21.8538, 0.6153,
0.3210

100.0000, 0.3127,
0.3290

■ 21.3432, 0.6298,
0.3243

Harmonies

Analogous

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



43.9451, 0.3590, 0.2739



43.9451, 0.4141, 0.3167



43.9451, 0.4384, 0.3648

Triad

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



43.9451, 0.4141, 0.3167



43.9451, 0.3206, 0.4381



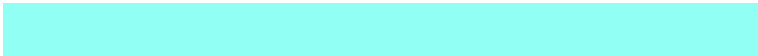
43.9451, 0.2090, 0.2399

Complementary

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



43.9451, 0.4141, 0.3167



84.0085, 0.2594, 0.3425

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.



43.9451, 0.2013, 0.2732



43.9451, 0.4141, 0.3167



43.9451, 0.2617, 0.3945

Square

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



43.9451, 0.4141, 0.3167



43.9451, 0.3804, 0.4408



43.9451, 0.2192, 0.3296



43.9451, 0.2411, 0.2310

Rectangle

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



43.9451, 0.4141, 0.3167



43.9451, 0.4331, 0.3961



43.9451, 0.2192, 0.3296



43.9451, 0.2037, 0.2482

Sweetspot

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



43.9412, 0.4141, 0.3167



78.8849, 0.3341, 0.3254



46.3732, 0.3068, 0.2194



16.1980, 0.3383, 0.3248



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.



43.9412, 0.4141, 0.3167



37.0804, 0.4477, 0.3147



58.9118, 0.4065, 0.3732



18.0193, 0.3277, 0.3264



11.1626, 0.6274, 0.3230



1.0969, 0.6048, 0.3105

Inverse Universe

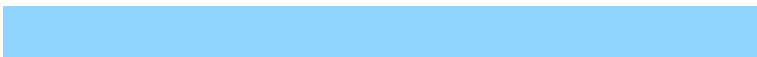
The Inverse Universe completely reimagines the original color for something new.



43.9412, 0.4141, 0.3167



37.0804, 0.4477, 0.3147



60.7406, 0.2456, 0.2790



18.0193, 0.3277, 0.3264



11.1626, 0.6274, 0.3230



1.0969, 0.6048, 0.3105

Previews

White Background



This preview shows how the Yxy color 43.9451, 0.4141, 0.3167 looks on a white background.

Color Contrast Check

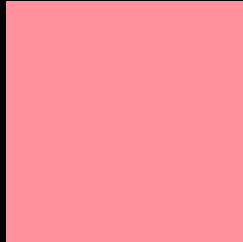
Large Text (above 18pt) WCAG AA × Fail

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 43.9451, 0.4141, 0.3167 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 43.9451, 0.4141, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 43.9451, 0.4141, 0.3167.



This preview shows how white text looks on a background with the Yxy color 43.9451, 0.4141, 0.3167.

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

43.9451, 0.4141, 0.3167

Protanopia

44.3240, 0.3187, 0.3330

Deuteranopia

44.1222, 0.3585, 0.3520



Tritanopia

43.9111, 0.4151, 0.3178

Trichromacy



Original Color

43.9451, 0.4141, 0.3167

Protanomaly

43.1473, 0.3509, 0.3254

Deuteranomaly

43.7034, 0.3789, 0.3388

Tritanomaly

43.9111, 0.4151, 0.3178

Monochromacy



Original Color

43.9451, 0.4141, 0.3167

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 43.9451, 0.4141, 0.3167 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 157) }
```

Border

The CSS property to change the border of an element to Yxy 43.9451, 0.4141, 0.3167 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, 157) }
```

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

```
.border{ border-color:rgb(255, 145, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9451, 0.4141, 0.3167 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, 157) }
```

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

```
.background{ background-color: rgb(255,  
145, 157) }
```

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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