

Converting Colors

$Yxy(62.0453, 0.4822, 0.3238)$

Have a look what the booklet for
Yxy(62.0453, 0.4822, 0.3238)
contains.

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Color

Yxy(43.8107, 0.4184, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	FF9199
RGB	255, 145, 153
RGB Percent	100%, 57%, 60%
CMY	0.0000, 0.4314, 0.3999
CMYK	0.00, 0.43, 0.40, 0.00
HSL	356°, 100%, 78%
HSV	356°, 43%, 100%
XYZ	57.1218, 43.8107, 35.5919
YIQ	178.8020, 62.9920, 25.8080

Conversions

Conversions Part 2

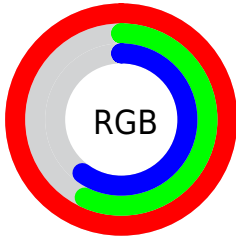
Format	Color
R_{YB}	255, 145, 153
Decimal	16748953
CIE _{Lab}	72.10, 42.20, 14.13
CIE _{LCh}	72, 44.500, 18.510
Yxy	43.8107, 0.4184, 0.3209
Android (android.graphics.Color)	4294939033 (0xFFFF9199)
YUV	178.8020, -12.7204, 66.8256
Hunter-Lab	66.1897, 38.2141, 14.4510

Details

The Yxy color **43.8107, 0.4184, 0.3209** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.2527, 0.2576, 0.3379**, and the grayscale version is **45.0104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0735, 0.3511, 0.3219**, and **20.2157, 0.4496, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **36.1665, 0.4583, 0.3195**, and if you desaturate by 10%, it is **53.3554, 0.3847, 0.3227**.

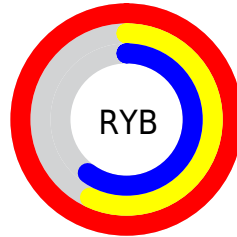
Distribution



Red (100%)

Green (57%)

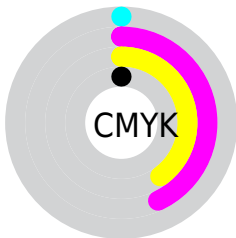
Blue (60%)



Red (100%)

Yellow (57%)

Blue (60%)

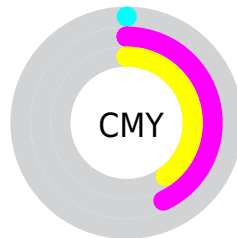


Cyan (0%)

Magenta (43%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8107, 0.4184, 0.3209 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 43.8107, 0.4184, 0.3209 by changing the saturation by 10% instead.


 43.8107, 0.4184,
0.3209

 43.8107, 0.4184,
0.3209


361.9352, 0.3645,
0.3267

 30.5217, 0.4320,
0.3189


 80.9328, 0.3987,
0.3234

 20.2349, 0.4496,
0.3161

 105.5347, 0.3913,
0.3242

 12.5659, 0.4729,
0.3119


134.6764, 0.3851,
0.3248

 7.1303, 0.5054,
0.3050

168.7423, 0.3798,
0.3254

 3.5437, 0.5529,
0.2929

208.1167, 0.3752,
0.3258

 1.4218, 0.6364,
0.2731

253.1841, 0.3712,

 0.2327, 0.8503,

0.3261

0.1497

304.3288, 0.3677,
0.3264

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.8107, 0.4184,
0.3209

43.8107, 0.4184,
0.3209

36.1665, 0.4583,
0.3195

53.3554, 0.3847,
0.3227

30.2995, 0.5034,
0.3189

64.9208, 0.3573,
0.3247

26.0649, 0.5498,
0.3194

78.6120, 0.3352,
0.3266

23.2975, 0.5916,
0.3214

94.5283, 0.3175,
0.3285

■ 21.7967, 0.6219,
0.3247

100.0000, 0.3127,
0.3290

■ 21.3057, 0.6343,
0.3268

Harmonies

Analogous

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



43.8107, 0.3650, 0.2772



43.8107, 0.4184, 0.3209



43.8107, 0.4394, 0.3694

Triad

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



43.8107, 0.4184, 0.3209



43.8107, 0.3149, 0.4364



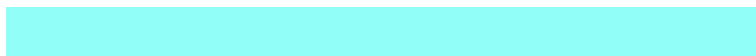
43.8107, 0.2105, 0.2377

Complementary

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



43.8107, 0.4184, 0.3209



84.2527, 0.2576, 0.3379

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.



43.8107, 0.2005, 0.2688



43.8107, 0.4184, 0.3209



43.8107, 0.2567, 0.3894

Square

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



43.8107, 0.4184, 0.3209



43.8107, 0.3756, 0.4428



43.8107, 0.2161, 0.3237



43.8107, 0.2448, 0.2308

Rectangle

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



43.8107, 0.4184, 0.3209



43.8107, 0.4318, 0.4004



43.8107, 0.2161, 0.3237



43.8107, 0.2044, 0.2453

Sweetspot

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



43.8093, 0.4184, 0.3209



78.8194, 0.3349, 0.3266



47.0312, 0.3099, 0.2204



16.1821, 0.3394, 0.3262



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.



43.8093, 0.4184, 0.3209



36.9456, 0.4535, 0.3196



60.4913, 0.4047, 0.3770



18.0086, 0.3283, 0.3273



11.1404, 0.6325, 0.3258



1.0918, 0.6159, 0.3167

Inverse Universe

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



43.8093, 0.4184, 0.3209



36.9456, 0.4535, 0.3196



58.9204, 0.2448, 0.2744



18.0086, 0.3283, 0.3273



11.1404, 0.6325, 0.3258



1.0918, 0.6159, 0.3167

Previews

White Background



This preview shows how the Yxy color 43.8107, 0.4184, 0.3209 looks on a white background.

Color Contrast Check

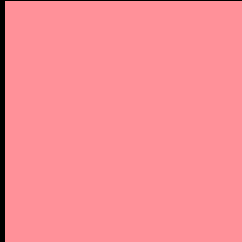
Large Text (above 18pt) WCAG AA × Fail

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 43.8107, 0.4184, 0.3209 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 43.8107, 0.4184, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 43.8107, 0.4184, 0.3209.



This preview shows how white text looks on a background with the Yxy color 43.8107, 0.4184, 0.3209.

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

43.8107, 0.4184, 0.3209

Protanopia

43.8603, 0.3238, 0.3384

Deuteranopia

43.7567, 0.3635, 0.3558



Tritanopia

43.8774, 0.4162, 0.3188

Trichromacy



Original Color

43.8107, 0.4184, 0.3209



Protanomaly

43.1099, 0.3566, 0.3316



Deuteranomaly

43.3797, 0.3842, 0.3423



Tritanomaly

43.8439, 0.4173, 0.3199

Monochromacy



Original Color

43.8107, 0.4184, 0.3209



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.8051, 0.3477, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8107, 0.4184, 0.3209 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 153) }
```

Border

The CSS property to change the border of an element to Yxy 43.8107, 0.4184, 0.3209 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, 153) }
```

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

```
.border{ border-color:rgb(255, 145, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8107, 0.4184, 0.3209 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, 153) }
```

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

```
.background{ background-color: rgb(255,  
145, 153) }
```

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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