

Converting Colors

$Y_{xy}(48.0138, 0.4515, 0.3299)$

Have a look what the booklet for
Yxy(48.0138, 0.4515, 0.3299)
contains.

Yxy(43.1897, 0.4297, 0.3304)	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(43.1897, 0.4297, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	FF908F
RGB	255, 144, 143
RGB Percent	100%, 56%, 56%
CMY	0.0000, 0.4353, 0.4392
CMYK	0.00, 0.44, 0.44, 0.00
HSL	1°, 100%, 78%
HSV	1°, 44%, 100%
XYZ	56.1701, 43.1897, 31.3596
YIQ	177.0750, 66.4770, 23.2210

Conversions

Conversions Part 2

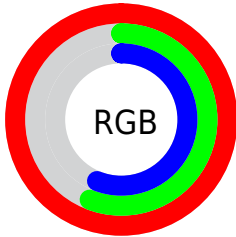
Format	Color
R _Y B	255, 144, 143
Decimal	16748687
CIE Lab	71.68, 41.64, 19.10
CIE LCh	72, 45.815, 24.638
Yxy	43.1897, 0.4297, 0.3304
Android (android.graphics.Color)	4294938767 (0xFFFF908F)
YUV	177.0750, -16.7990, 68.3402
Hunter-Lab	65.7189, 37.5565, 17.7113

Details

The Yxy color **43.1897, 0.4297, 0.3304** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.9310, 0.2530, 0.3277**, and the grayscale version is **44.0730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1381, 0.3593, 0.3312**, and **19.8746, 0.4642, 0.3269** is the 20% darker color. If you saturate the color by 10%, you get **35.6876, 0.4730, 0.3307**, and if you desaturate by 10%, it is **52.5846, 0.3929, 0.3301**.

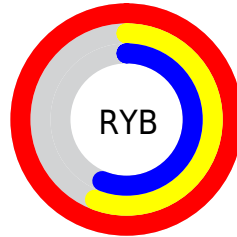
Distribution



Red (100%)

Green (56%)

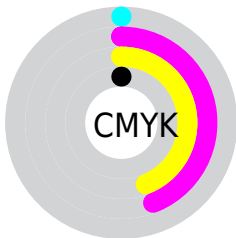
Blue (56%)



Red (100%)

Yellow (56%)

Blue (56%)

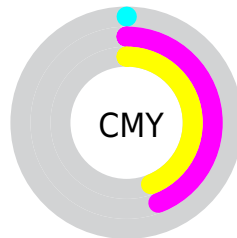


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1897, 0.4297, 0.3304 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 43.1897, 0.4297, 0.3304 by changing the saturation by 10% instead.


 43.1897, 0.4297,
0.3304


 43.1897, 0.4297,
0.3304


359.3913, 0.3699,
0.3320

 30.0340, 0.4448,
0.3292


 79.9970, 0.4078,
0.3316

 19.8644, 0.4642,
0.3273


 104.4175, 0.3996,
0.3318

 12.2965, 0.4900,
0.3240


133.3616, 0.3927,
0.3320

 6.9459, 0.5255,
0.3179

167.2138, 0.3868,
0.3321

 3.4283, 0.5768,
0.3060

206.3585, 0.3817,
0.3321

 1.3592, 0.6889,
0.2952

251.1800, 0.3773,

 0.1864, 0.8698,

0.3321

0.1302

302.0628, 0.3734,
0.3321

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.1897, 0.4297,
0.3304

43.1897, 0.4297,
0.3304

35.6876, 0.4730,
0.3307

52.5846, 0.3929,
0.3301

29.9440, 0.5208,
0.3309

63.9815, 0.3627,
0.3297

25.8177, 0.5681,
0.3309

77.4893, 0.3385,
0.3294

23.1427, 0.6074,
0.3308

93.2070, 0.3192,
0.3291

■ 21.7174, 0.6320,
0.3304

99.9995, 0.3127,
0.3290

■ 21.3097, 0.6396,
0.3303

Harmonies

Analogous

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



43.1897, 0.3799, 0.2839



43.1897, 0.4297, 0.3304



43.1897, 0.4430, 0.3803

Triad

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



43.1897, 0.4297, 0.3304



43.1897, 0.3016, 0.4336



43.1897, 0.2126, 0.2315

Complementary

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



43.1897, 0.4297, 0.3304



83.9310, 0.2530, 0.3277

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.



43.1897, 0.1971, 0.2580



43.1897, 0.4297, 0.3304



43.1897, 0.2443, 0.3781

Square

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



43.1897, 0.4297, 0.3304



43.1897, 0.3652, 0.4489



43.1897, 0.2076, 0.3100



43.1897, 0.2527, 0.2293

Rectangle

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



43.1897, 0.4297, 0.3304



43.1897, 0.4299, 0.4113



43.1897, 0.2076, 0.3100



43.1897, 0.2046, 0.2375

Sweetspot

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



43.1919, 0.4297, 0.3304



78.8485, 0.3365, 0.3294



48.1224, 0.3178, 0.2213



16.1891, 0.3413, 0.3294



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.



43.1919, 0.4297, 0.3304



36.3056, 0.4688, 0.3307



64.0874, 0.4024, 0.3871



18.0134, 0.3294, 0.3293



11.1465, 0.6394, 0.3305



1.0942, 0.6379, 0.3317

Inverse Universe

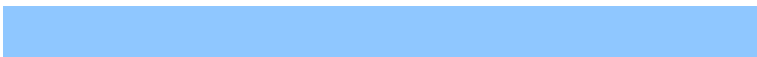
The Inverse Universe completely reimagines the original color for something new.



83.9310, 0.2530, 0.3277



81.9428, 0.2443, 0.3274



53.9038, 0.2416, 0.2616



20.4515, 0.2980, 0.3287



40.3900, 0.2239, 0.3260



3.9414, 0.2240, 0.3263

Previews

White Background



This preview shows how the Yxy color 43.1897, 0.4297, 0.3304 looks on a white background.

Color Contrast Check

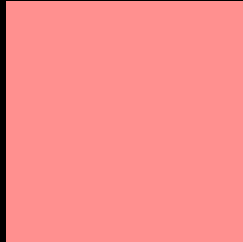
Large Text (above 18pt) WCAG AA × Fail

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 43.1897, 0.4297, 0.3304 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 43.1897, 0.4297, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 43.1897, 0.4297, 0.3304.

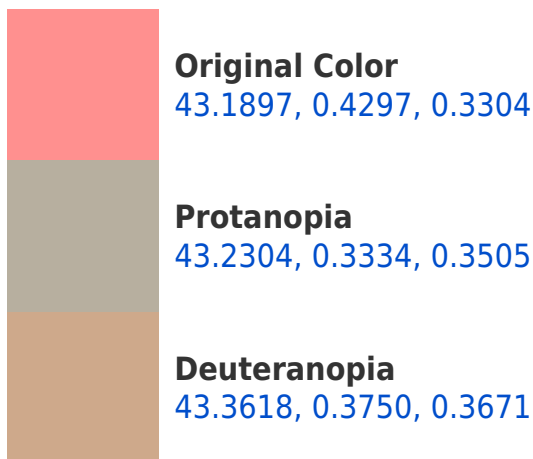


This preview shows how white text looks on a background with the Yxy color 43.1897, 0.4297, 0.3304.

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

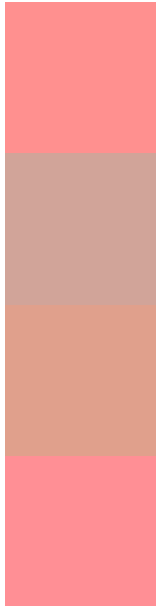




Tritanopia

43.2048, 0.4193, 0.3189

Trichromacy



Original Color

43.1897, 0.4297, 0.3304

Protanomaly

42.4061, 0.3665, 0.3429

Deuteranomaly

42.8824, 0.3955, 0.3530

Tritanomaly

43.0748, 0.4237, 0.3231

Monochromacy



Original Color

43.1897, 0.4297, 0.3304

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.6060, 0.3509, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1897, 0.4297, 0.3304 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, 144, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 143)  
}
```

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, 144, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 143) }
```

Border

The CSS property to change the border of an element to Yxy 43.1897, 0.4297, 0.3304 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, 144, 143) }
```

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

```
.border{ border-color:rgb(255, 144, 143) }
```

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

Here you see how a box with a 4 pixel rgb(255, 144, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1897, 0.4297, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 143) }
```

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

```
.background{ background-color: rgb(255,  
144, 143) }
```

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