

Converting Colors

Yxy(62.4616, 0.4625, 0.3313)

Have a look what the booklet for
Yxy(62.4616, 0.4625, 0.3313)
contains.

Yxy(48.1140, 0.4096, 0.3314)	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(48.1140, 0.4096, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	FF9E9C
RGB	255, 158, 156
RGB Percent	100%, 62%, 61%
CMY	0.0000, 0.3804, 0.3883
CMYK	0.00, 0.38, 0.39, 0.00
HSL	1°, 100%, 81%
HSV	1°, 39%, 100%
XYZ	59.4674, 48.1140, 37.6027
YIQ	186.7750, 58.4540, 19.9420

Conversions

Conversions Part 2

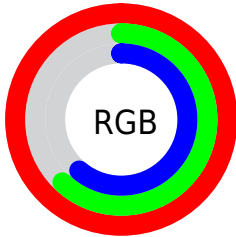
Format	Color
R_{YB}	255, 158, 156
Decimal	16752284
CIE _{Lab}	74.90, 35.85, 16.40
CIE _{LCh}	75, 39.422, 24.583
Yxy	48.1140, 0.4096, 0.3314
Android (android.graphics.Color)	4294942364 (0xFFFF9E9C)
YUV	186.7750, -15.1721, 59.8333
Hunter-Lab	69.3643, 31.6442, 16.4136

Details

The Yxy color **48.1140, 0.4096, 0.3314** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.5308, 0.2584, 0.3266**, and the grayscale version is **49.6243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0063, 0.3463, 0.3332**, and **22.8588, 0.4375, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **39.6670, 0.4494, 0.3320**, and if you desaturate by 10%, it is **58.4790, 0.3765, 0.3308**.

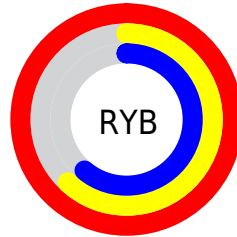
Distribution



Red (100%)

Green (62%)

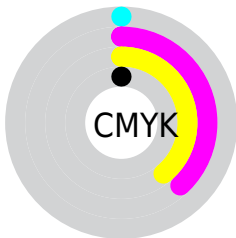
Blue (61%)



Red (100%)

Yellow (62%)

Blue (61%)

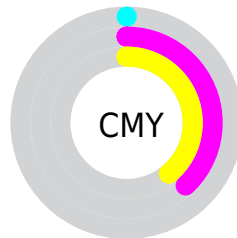


Cyan (0%)

Magenta (38%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.1140, 0.4096, 0.3314 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 48.1140, 0.4096, 0.3314 by changing the saturation by 10% instead.


 48.1140, 0.4096,
0.3314

 48.1140, 0.4096,
0.3314


379.2438, 0.3609,
0.3318

 33.9172, 0.4217,
0.3308


 87.3741, 0.3919,
0.3319

 22.8300, 0.4372,
0.3298


 113.2062, 0.3853,
0.3320

 14.4680, 0.4576,
0.3279


143.6855, 0.3797,
0.3320

 8.4469, 0.4856,
0.3245

179.1964, 0.3748,
0.3320

 4.3822, 0.5261,
0.3176

220.1232, 0.3707,
0.3320

 1.8896, 0.5912,
0.3043

266.8505, 0.3670,

 0.5421, 0.7369,

0.3319

0.2631

319.7626, 0.3638,
0.3319

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.1140, 0.4096,
0.3314

48.1140, 0.4096,
0.3314

39.6670, 0.4494,
0.3320

58.4790, 0.3765,
0.3308

33.0141, 0.4950,
0.3324

70.8623, 0.3496,
0.3301

28.0276, 0.5430,
0.3325

85.3655, 0.3281,
0.3295

24.5604, 0.5874,
0.3322

100.0000, 0.3127,
0.3290

■ 22.4394, 0.6205,
0.3315

■ 21.4427, 0.6377,
0.3307

■ 21.3725, 0.6391,
0.3308

Harmonies

Analogous

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



48.1140, 0.3686, 0.2912



48.1140, 0.4096, 0.3314



48.1140, 0.4214, 0.3740

Triad

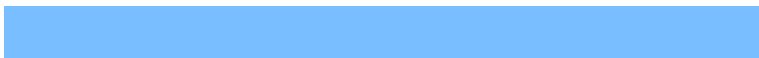
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.1140, 0.4096, 0.3314



48.1140, 0.3046, 0.4143



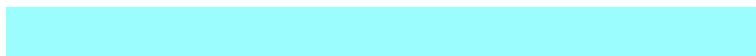
48.1140, 0.2279, 0.2468

Complementary

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



48.1140, 0.4096, 0.3314



84.5308, 0.2584, 0.3266

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.



48.1140, 0.2146, 0.2704



48.1140, 0.4096, 0.3314



48.1140, 0.2560, 0.3696

Square

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



48.1140, 0.4096, 0.3314



48.1140, 0.3580, 0.4282



48.1140, 0.2241, 0.3144



48.1140, 0.2625, 0.2442

Rectangle

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



48.1140, 0.4096, 0.3314



48.1140, 0.4112, 0.3997



48.1140, 0.2241, 0.3144



48.1140, 0.2210, 0.2522

Sweetspot

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



48.1163, 0.4096, 0.3314



80.5257, 0.3344, 0.3297



52.1496, 0.3186, 0.2343



16.8233, 0.3371, 0.3298



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.



48.1163, 0.4096, 0.3314



41.0716, 0.4416, 0.3319



68.3575, 0.3889, 0.3820



18.0461, 0.3294, 0.3295



11.1932, 0.6387, 0.3311



1.1097, 0.6353, 0.3338

Inverse Universe

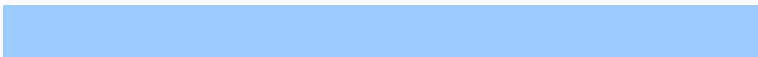
The Inverse Universe completely reimagines the original color for something new.



84.5308, 0.2584, 0.3266



82.3596, 0.2496, 0.3261



57.4009, 0.2496, 0.2687



20.4144, 0.2980, 0.3285



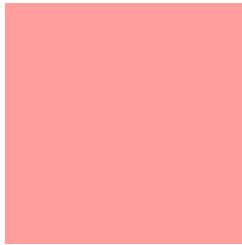
39.4681, 0.2229, 0.3226



3.8623, 0.2231, 0.3233

Previews

White Background



This preview shows how the Yxy color 48.1140, 0.4096, 0.3314 looks on a white background.

Color Contrast Check

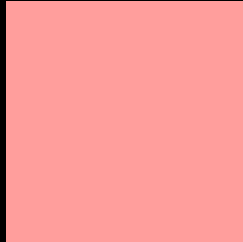
Large Text (above 18pt) WCAG AA × Fail

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 48.1140, 0.4096, 0.3314 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 48.1140, 0.4096, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 48.1140, 0.4096, 0.3314.



This preview shows how white text looks on a background with the Yxy color 48.1140, 0.4096, 0.3314.

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

48.1140, 0.4096, 0.3314

Protanopia

48.3520, 0.3316, 0.3483

Deuteranopia

48.4039, 0.3676, 0.3608



Tritanopia

48.2011, 0.3978, 0.3177

Trichromacy



Original Color

48.1140, 0.4096, 0.3314

Protanomaly

47.7874, 0.3587, 0.3424

Deuteranomaly

48.0837, 0.3831, 0.3501

Tritanomaly

48.0543, 0.4019, 0.3219

Monochromacy



Original Color

48.1140, 0.4096, 0.3314

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.1823, 0.3450, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.1140, 0.4096, 0.3314 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, 158, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 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, 158, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 156) }
```

Border

The CSS property to change the border of an element to Yxy 48.1140, 0.4096, 0.3314 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, 158, 156) }
```

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

```
.border{ border-color:rgb(255, 158, 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, 158, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 48.1140, 0.4096, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 156) }
```

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

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