

Converting Colors

$Y_{xy}(52.2672, 0.4180, 0.3525)$

Have a look what the booklet for
Yxy(52.2672, 0.4180, 0.3525)
contains.

Yxy(51.3406, 0.4148, 0.3524)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.3406, 0.4148, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	FFA892
RGB	255, 168, 146
RGB Percent	100%, 66%, 57%
CMY	0.0000, 0.3412, 0.4275
CMYK	0.00, 0.34, 0.43, 0.00
HSL	12°, 100%, 79%
HSV	12°, 43%, 100%
XYZ	60.4316, 51.3406, 33.9163
YIQ	191.5050, 58.9140, 11.6020

Conversions

Conversions Part 2

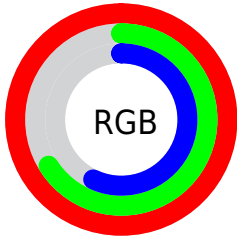
Format	Color
R _Y B	255, 174, 146
Decimal	16754834
CIE Lab	76.88, 29.58, 24.57
CIE LCh	77, 38.453, 39.717
Yxy	51.3406, 0.4148, 0.3524
Android (android.graphics.Color)	4294944914 (0xFFFFA892)
YUV	191.5050, -22.4340, 55.6851
Hunter-Lab	71.6524, 25.1552, 22.0920

Details

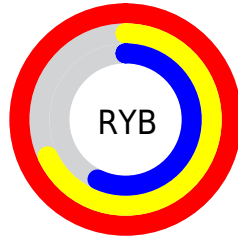
The Yxy color **51.3406, 0.4148, 0.3524** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.6026, 0.2502, 0.3035**, and the grayscale version is **52.5169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7414, 0.3516, 0.3535**, and **24.8235, 0.4438, 0.3558** is the 20% darker color. If you saturate the color by 10%, you get **43.6997, 0.4511, 0.3572**, and if you desaturate by 10%, it is **60.3382, 0.3834, 0.3469**.

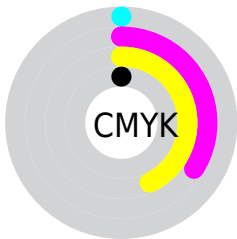
Distribution



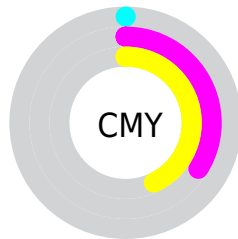
- Red (100%)
- Green (66%)
- Blue (57%)



- Red (100%)
- Yellow (68%)
- Blue (57%)



- Cyan (0%)
- Magenta (34%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (34%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3406, 0.4148, 0.3524 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 51.3406, 0.4148, 0.3524 by changing the saturation by 10% instead.


 51.3406, 0.4148,
0.3524

 51.3406, 0.4148,
0.3524


391.8856, 0.3641,
0.3430

 36.4797, 0.4271,
0.3540


 92.1580, 0.3966,
0.3495

 24.8049, 0.4428,
0.3556


 118.8834, 0.3897,
0.3483

 15.9318, 0.4631,
0.3571


150.3324, 0.3838,
0.3472

 9.4759, 0.4904,
0.3578

186.8894, 0.3788,
0.3462

 5.0529, 0.5284,
0.3562

228.9389, 0.3744,
0.3453

 2.2783, 0.5956,
0.3549

276.8651, 0.3706,

 0.7622, 0.6777,

0.3445

0.3223

331.0526, 0.3672,
0.3437

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.3406, 0.4148,
0.3524

51.3406, 0.4148,
0.3524

43.6997, 0.4511,
0.3572

60.3382, 0.3834,
0.3469

37.3434, 0.4915,
0.3604

70.7486, 0.3571,
0.3412

32.2013, 0.5334,
0.3610

82.6316, 0.3352,
0.3356

28.1938, 0.5726,
0.3582

96.0419, 0.3171,
0.3304

■ 25.2311, 0.6039,
0.3518

100.0000, 0.3127,
0.3290

■ 23.6707, 0.6201,
0.3458

Harmonies

Analogous

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



51.3406, 0.3886, 0.3117



51.3406, 0.4148, 0.3524



51.3406, 0.4104, 0.3914

Triad

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



51.3406, 0.4148, 0.3524



51.3406, 0.2803, 0.3914



51.3406, 0.2459, 0.2465

Complementary

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



51.3406, 0.4148, 0.3524



71.6026, 0.2502, 0.3035

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.



51.3406, 0.2224, 0.2590



51.3406, 0.4148, 0.3524



51.3406, 0.2406, 0.3411

Square

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



51.3406, 0.4148, 0.3524



51.3406, 0.3308, 0.4209



51.3406, 0.2204, 0.2919



51.3406, 0.2879, 0.2534

Rectangle

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



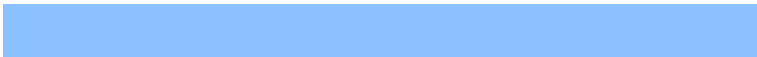
51.3406, 0.4148, 0.3524



51.3406, 0.3918, 0.4116



51.3406, 0.2204, 0.2919



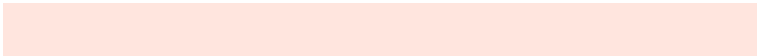
51.3406, 0.2358, 0.2484

Sweetspot

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



51.3425, 0.4148, 0.3524



82.3123, 0.3357, 0.3357



47.7109, 0.3364, 0.2423



17.0309, 0.3402, 0.3370



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.



51.3425, 0.4148, 0.3524



44.9402, 0.4445, 0.3564



75.7365, 0.3897, 0.4064



18.5809, 0.3289, 0.3339



12.5348, 0.6176, 0.3478



1.3662, 0.5971, 0.3641

Inverse Universe

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



71.6026, 0.2502, 0.3035



67.4712, 0.2402, 0.2976



45.4493, 0.2389, 0.2363



19.8217, 0.2980, 0.3241



26.4351, 0.2063, 0.2627



2.7243, 0.2086, 0.2711

Previews

White Background



This preview shows how the Yxy color 51.3406, 0.4148, 0.3524 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 51.3406, 0.4148, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

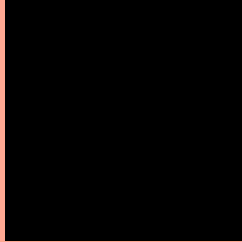
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3406, 0.4148, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 51.3406, 0.4148, 0.3524.



This preview shows how white text looks on a background with the Yxy color 51.3406, 0.4148, 0.3524.

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

51.3406, 0.4148, 0.3524

Protanopia

51.6447, 0.3489, 0.3715

Deuteranopia

51.2864, 0.3831, 0.3748



Tritanopia

51.3446, 0.3862, 0.3166

Trichromacy



Original Color

51.3406, 0.4148, 0.3524

Protanomaly

51.0950, 0.3726, 0.3646

Deuteranomaly

51.1201, 0.3944, 0.3665

Tritanomaly

51.2856, 0.3965, 0.3292

Monochromacy



Original Color

51.3406, 0.4148, 0.3524

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.4092, 0.3471, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3406, 0.4148, 0.3524 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, 168, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 146)  
}
```

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, 168, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 146) }
```

Border

The CSS property to change the border of an element to Yxy 51.3406, 0.4148, 0.3524 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, 168, 146) }
```

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

```
.border{ border-color:rgb(255, 168, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3406, 0.4148, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 146) }
```

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

```
.background{ background-color: rgb(255,  
168, 146) }
```

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