

# Converting Colors

Yxy(59.4236, 0.4416, 0.3455)

Have a look what the booklet for  
Yxy(59.4236, 0.4416, 0.3455)  
contains.

<b>Yxy(51.4996, 0.4101, 0.3472)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(51.4996, 0.4101, 0.3472)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA897
RGB	255, 168, 151
RGB Percent	100%, 66%, 59%
CMY	0.0000, 0.3412, 0.4080
CMYK	0.00, 0.34, 0.41, 0.00
HSL	10°, 100%, 80%
HSV	10°, 41%, 100%
XYZ	60.8295, 51.4996, 35.9993
YIQ	192.0750, 57.3090, 13.1570

# Conversions

## Conversions Part 2

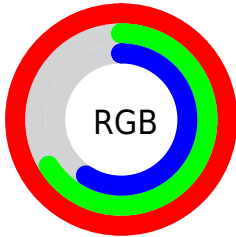
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 171, 151
Decimal	16754839
CIE <sub>Lab</sub>	76.98, 30.11, 22.02
CIE <sub>LCh</sub>	77, 37.298, 36.177
Yxy	51.4996, 0.4101, 0.3472
Android (android.graphics.Color)	4294944919 (0xFFFFA897)
YUV	192.0750, -20.2500, 55.1852
Hunter-Lab	71.7632, 25.7183, 20.4920

# Details

The Yxy color **51.4996, 0.4101, 0.3472** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.9260, 0.2535, 0.3094**, and the grayscale version is **52.8523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9791, 0.3480, 0.3483**, and **24.9173, 0.4373, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **43.5205, 0.4467, 0.3512**, and if you desaturate by 10%, it is **60.9500, 0.3789, 0.3427**.

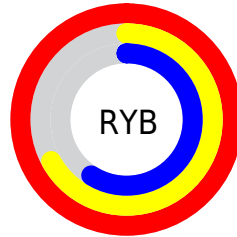
# Distribution



Red (100%)

Green (66%)

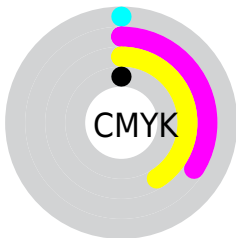
Blue (59%)



Red (100%)

Yellow (67%)

Blue (59%)

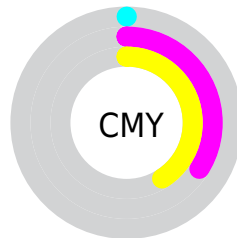


Cyan (0%)

Magenta (34%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (34%)


Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4996, 0.4101, 0.3472 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 51.4996, 0.4101, 0.3472 by changing the saturation by 10% instead.





 51.4996, 0.4101,  
0.3472


 51.4996, 0.4101,  
0.3472

392.5017, 0.3617,  
0.3401

 36.6064, 0.4219,  
0.3483


 92.3928, 0.3927,  
0.3451

 24.9029, 0.4369,  
0.3494


 119.1616, 0.3861,  
0.3442

 16.0047, 0.4564,  
0.3503


150.6577, 0.3805,  
0.3433

 9.5275, 0.4828,  
0.3504

187.2656, 0.3757,  
0.3426

 5.0868, 0.5200,  
0.3483

229.3695, 0.3715,  
0.3419

 2.2983, 0.5808,  
0.3434

277.3539, 0.3679,

 0.7728, 0.6795,

0.3412

0.3205

331.6032, 0.3646,  
0.3407

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

51.4996, 0.4101,  
0.3472

51.4996, 0.4101,  
0.3472

43.5205, 0.4467,  
0.3512

60.9500, 0.3789,  
0.3427

36.9367, 0.4880,  
0.3540

71.9393, 0.3529,  
0.3380

31.6674, 0.5314,  
0.3547

84.5329, 0.3315,  
0.3335

27.6230, 0.5726,  
0.3525

98.7918, 0.3140,  
0.3293

■ 24.7020, 0.6058,  
0.3473

100.0000, 0.3127,  
0.3290

■ 22.8985, 0.6262,  
0.3410

# Harmonies

## Analogous

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



51.4996, 0.3815, 0.3078



51.4996, 0.4101, 0.3472



51.4996, 0.4095, 0.3857

# Triad

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



51.4996, 0.4101, 0.3472



51.4996, 0.2868, 0.3941



51.4996, 0.2441, 0.2493

# Complementary

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



51.4996, 0.4101, 0.3472



74.9260, 0.2535, 0.3094

# 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.



51.4996, 0.2236, 0.2639



51.4996, 0.4101, 0.3472



51.4996, 0.2464, 0.3469

# Square

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



51.4996, 0.4101, 0.3472



51.4996, 0.3363, 0.4192



51.4996, 0.2242, 0.2982



51.4996, 0.2832, 0.2538



# Rectangle

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



51.4996, 0.4101, 0.3472



51.4996, 0.3934, 0.4063



51.4996, 0.2242, 0.2982



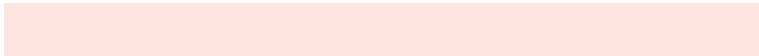
51.4996, 0.2350, 0.2519

# Sweetspot

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



51.5001, 0.4101, 0.3472



82.9295, 0.3339, 0.3340



49.6391, 0.3305, 0.2415



17.3838, 0.3365, 0.3346



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.



51.5001, 0.4101, 0.3472



44.8486, 0.4398, 0.3506



73.9426, 0.3879, 0.3981



18.4674, 0.3290, 0.3330



12.1053, 0.6241, 0.3427



1.3083, 0.6049, 0.3579



# Inverse Universe

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



74.9260, 0.2535, 0.3094



71.1239, 0.2436, 0.3049



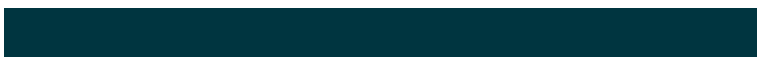
49.4989, 0.2436, 0.2478



19.9451, 0.2980, 0.3250



28.8917, 0.2100, 0.2759



2.9420, 0.2118, 0.2825



# Previews

## White Background



This preview shows how the Yxy color 51.4996, 0.4101, 0.3472 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

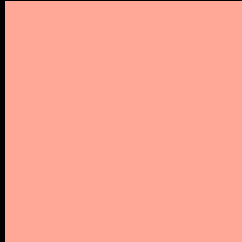
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 51.4996, 0.4101, 0.3472 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

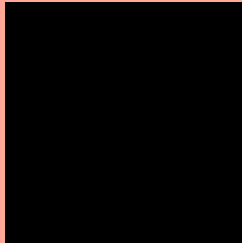
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 51.4996, 0.4101, 0.3472**

## Background



This preview shows how black text looks on a background with the Yxy color 51.4996, 0.4101, 0.3472.



This preview shows how white text looks on a background with the Yxy color 51.4996, 0.4101, 0.3472.

# 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

51.4996, 0.4101, 0.3472

### Protanopia

51.7149, 0.3432, 0.3640

### Deuteranopia

51.6931, 0.3775, 0.3702



## Tritanopia

51.3446, 0.3862, 0.3166

# Trichromacy



**Original Color**

51.4996, 0.4101, 0.3472

**Protanomaly**

51.1402, 0.3665, 0.3576

**Deuteranomaly**

51.6729, 0.3895, 0.3620

**Tritanomaly**

51.3596, 0.3946, 0.3271

# Monochromacy



**Original Color**

51.4996, 0.4101, 0.3472

**Achromatopsia**

52.7115, 0.3127, 0.3290

**Achromatomaly**

51.4884, 0.3454, 0.3362

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 51.4996, 0.4101, 0.3472 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 151) }
```

## Border

The CSS property to change the border of an element to Yxy 51.4996, 0.4101, 0.3472 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, 151) }
```

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

```
.border{ border-color:rgb(255, 168, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
151) }
```



# Background

The CSS property to change the background color of an element to Yxy 51.4996, 0.4101, 0.3472 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, 151) }
```

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

```
.background{ background-color: rgb(255,  
168, 151) }
```

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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