

# Converting Colors

Yxy(54.0007, 0.4009, 0.3461)

Have a look what the booklet for  
Yxy(54.0007, 0.4009, 0.3461)  
contains.

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# Color

**Yxy(54.0007, 0.4009, 0.3461)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAE9E
RGB	255, 174, 158
RGB Percent	100%, 68%, 62%
CMY	0.0000, 0.3176, 0.3804
CMYK	0.00, 0.32, 0.38, 0.00
HSL	10°, 100%, 81%
HSV	10°, 38%, 100%
XYZ	62.5509, 54.0007, 39.4747
YIQ	196.3950, 53.4120, 12.1960

# Conversions

## Conversions Part 2

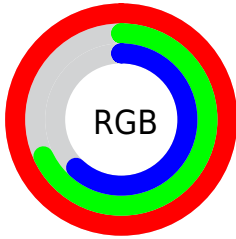
Format	Color
R <sub>Y</sub> B	255, 177, 158
Decimal	16756382
CIE Lab	78.46, 27.75, 20.26
CIE LCh	78, 34.355, 36.129
Yxy	54.0007, 0.4009, 0.3461
Android (android.graphics.Color)	4294946462 (0xFFFFAE9E)
YUV	196.3950, -18.9287, 51.3966
Hunter-Lab	73.4852, 23.3410, 19.5903

# Details

The Yxy color **54.0007, 0.4009, 0.3461** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.2235, 0.2570, 0.3108**, and the grayscale version is **55.5428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6577, 0.3415, 0.3461**, and **26.4720, 0.4242, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **45.6262, 0.4360, 0.3503**, and if you desaturate by 10%, it is **63.8623, 0.3712, 0.3415**.

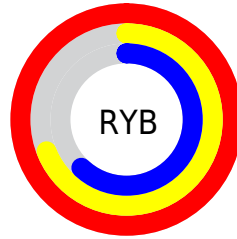
# Distribution



Red (100%)

Green (68%)

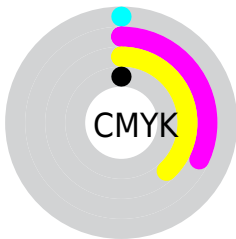
Blue (62%)



Red (100%)

Yellow (69%)

Blue (62%)

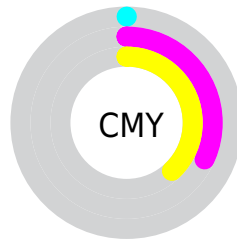


Cyan (0%)

Magenta (32%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0007, 0.4009, 0.3461 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 54.0007, 0.4009, 0.3461 by changing the saturation by 10% instead.




 54.0007, 0.4009,  
0.3461

 54.0007, 0.4009,  
0.3461


402.1127, 0.3575,  
0.3393

 38.6022, 0.4115,  
0.3473

 96.0753, 0.3853,  
0.3440

 26.4504, 0.4248,  
0.3485


 123.5202, 0.3794,  
0.3431

 17.1609, 0.4422,  
0.3496


155.7493, 0.3744,  
0.3423

 10.3493, 0.4656,  
0.3504

193.1471, 0.3700,  
0.3416

 5.6312, 0.4987,  
0.3497

236.0979, 0.3663,  
0.3409

 2.6221, 0.5483,  
0.3451

284.9862, 0.3630,

 0.9378, 0.6570,

0.3403

0.3430

340.1963, 0.3601,  
0.3398

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.0007, 0.4009,  
0.3461

54.0007, 0.4009,  
0.3461

45.6262, 0.4360,  
0.3503

63.8623, 0.3712,  
0.3415

38.6651, 0.4761,  
0.3536

75.2777, 0.3466,  
0.3368

33.0390, 0.5192,  
0.3549

88.3105, 0.3263,  
0.3324

28.6610, 0.5615,  
0.3536

100.0000, 0.3127,  
0.3290

■ 25.4339, 0.5975,  
0.3492

■ 23.2434, 0.6223,  
0.3423

■ 22.9200, 0.6261,  
0.3411

# Harmonies

## Analogous

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



54.0007, 0.3750, 0.3099



54.0007, 0.4009, 0.3461



54.0007, 0.4007, 0.3811

# Triad

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



54.0007, 0.4009, 0.3461



54.0007, 0.2895, 0.3876



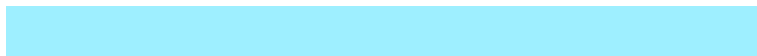
54.0007, 0.2501, 0.2561

# Complementary

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



54.0007, 0.4009, 0.3461



76.2235, 0.2570, 0.3108

# 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.



54.0007, 0.2312, 0.2699



54.0007, 0.4009, 0.3461



54.0007, 0.2524, 0.3454

# Square

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



54.0007, 0.4009, 0.3461



54.0007, 0.3346, 0.4103



54.0007, 0.2319, 0.3015



54.0007, 0.2860, 0.2601



# Rectangle

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



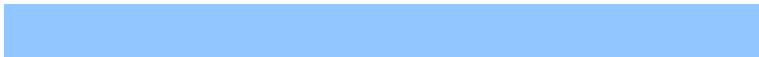
54.0007, 0.4009, 0.3461



54.0007, 0.3863, 0.3996



54.0007, 0.2319, 0.3015



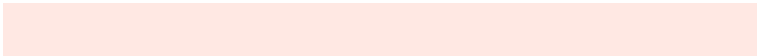
54.0007, 0.2417, 0.2587

# Sweetspot

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



54.0011, 0.4009, 0.3461



84.2783, 0.3319, 0.3336



52.0327, 0.3291, 0.2472



17.6543, 0.3346, 0.3342



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.



54.0011, 0.4009, 0.3461



47.2160, 0.4284, 0.3495



75.4685, 0.3821, 0.3935



18.4709, 0.3290, 0.3330



12.1174, 0.6239, 0.3428



1.3100, 0.6047, 0.3581



# Inverse Universe

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



76.2235, 0.2570, 0.3108



72.3892, 0.2471, 0.3064



52.1674, 0.2486, 0.2543



19.9413, 0.2980, 0.3250



28.8126, 0.2099, 0.2754



2.9351, 0.2117, 0.2822



# Previews

## White Background



This preview shows how the Yxy color 54.0007, 0.4009, 0.3461 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 54.0007, 0.4009, 0.3461 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 54.0007, 0.4009, 0.3461**

## Background



This preview shows how black text looks on a background with the Yxy color 54.0007, 0.4009, 0.3461.



This preview shows how white text looks on a background with the Yxy color 54.0007, 0.4009, 0.3461.

# 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

54.0007, 0.4009, 0.3461

### Protanopia

54.2481, 0.3410, 0.3609

### Deuteranopia

54.2718, 0.3728, 0.3649



## Tritanopia

53.8465, 0.3777, 0.3155

# Trichromacy



**Original Color**

54.0007, 0.4009, 0.3461

**Protanomaly**

53.9090, 0.3625, 0.3560

**Deuteranomaly**

53.8947, 0.3827, 0.3572

**Tritanomaly**

53.8602, 0.3858, 0.3261

# Monochromacy



**Original Color**

54.0007, 0.4009, 0.3461

**Achromatopsia**

55.2011, 0.3127, 0.3290

**Achromatomaly**

54.0956, 0.3420, 0.3361

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.0007, 0.4009, 0.3461 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, 174, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 158)  
}
```

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, 174, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 158) }
```

## Border

The CSS property to change the border of an element to Yxy 54.0007, 0.4009, 0.3461 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, 174, 158) }
```

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

```
.border{ border-color:rgb(255, 174, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
158) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.0007, 0.4009, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 158) }
```

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

```
.background{ background-color: rgb(255,  
174, 158) }
```

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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