

# Converting Colors

Yxy(64.0388, 0.4442, 0.3491)

Have a look what the booklet for  
Yxy(64.0388, 0.4442, 0.3491)  
contains.

<b>Yxy(54.1869, 0.4060, 0.3534)</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(54.1869, 0.4060, 0.3534)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFAF98
RGB	255, 175, 152
RGB Percent	100%, 69%, 60%
CMY	0.0000, 0.3138, 0.4038
CMYK	0.00, 0.31, 0.40, 0.00
HSL	13°, 100%, 80%
HSV	13°, 40%, 100%
XYZ	62.2521, 54.1869, 36.8913
YIQ	196.2980, 55.0630, 9.8070

# Conversions

## Conversions Part 2

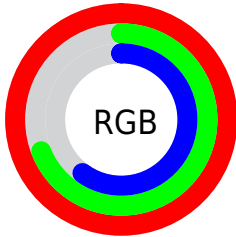
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 182, 152
Decimal	16756632
CIE Lab	78.57, 26.59, 23.62
CIE LCh	79, 35.566, 41.624
Yxy	54.1869, 0.4060, 0.3534
Android (android.graphics.Color)	4294946712 (0xFFFFAF98)
YUV	196.2980, -21.8389, 51.4817
Hunter-Lab	73.6118, 22.1335, 21.8145

# Details

The Yxy color **54.1869, 0.4060, 0.3534** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.6316, 0.2528, 0.3025**, and the grayscale version is **55.4923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8681, 0.3460, 0.3542**, and **26.5944, 0.4310, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **46.2781, 0.4405, 0.3590**, and if you desaturate by 10%, it is **63.3935, 0.3763, 0.3472**.

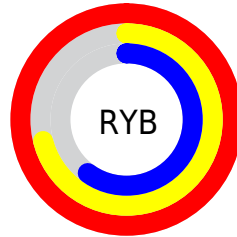
# Distribution



Red (100%)

Green (69%)

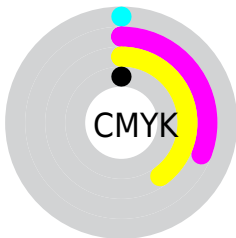
Blue (60%)



Red (100%)

Yellow (71%)

Blue (60%)

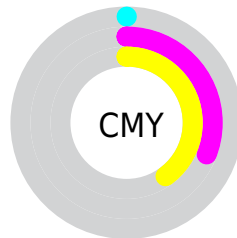


Cyan (0%)

Magenta (31%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (31%)


Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1869, 0.4060, 0.3534 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 54.1869, 0.4060, 0.3534 by changing the saturation by 10% instead.




 54.1869, 0.4060,  
0.3534

 54.1869, 0.4060,  
0.3534

402.8223, 0.3601,  
0.3433

 38.7511, 0.4171,  
0.3553


 96.3486, 0.3896,  
0.3502

 26.5662, 0.4311,  
0.3573

 123.8433, 0.3833,  
0.3489

 17.2477, 0.4492,  
0.3594


156.1265, 0.3780,  
0.3477

 10.4112, 0.4735,  
0.3613

193.5824, 0.3734,  
0.3466

 5.6725, 0.5073,  
0.3618

236.5956, 0.3695,  
0.3457

 2.6470, 0.5601,  
0.3601

285.5504, 0.3660,

 0.9503, 0.6505,

0.3448

0.3495

340.8311, 0.3629,  
0.3440

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.1869, 0.4060,  
0.3534

54.1869, 0.4060,  
0.3534

46.2781, 0.4405,  
0.3590

63.3935, 0.3763,  
0.3472

39.6265, 0.4792,  
0.3631

73.9748, 0.3513,  
0.3409

34.1598, 0.5202,  
0.3647

85.9773, 0.3305,  
0.3349

29.8060, 0.5598,  
0.3629

99.4514, 0.3133,  
0.3292

■ 26.4847, 0.5932,  
0.3571

100.0000, 0.3127,  
0.3290

■ 24.1723, 0.6162,  
0.3489

# Harmonies

## Analogous

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



54.1869, 0.3838, 0.3157



54.1869, 0.4060, 0.3534



54.1869, 0.4006, 0.3885

# Triad

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



54.1869, 0.4060, 0.3534



54.1869, 0.2807, 0.3827



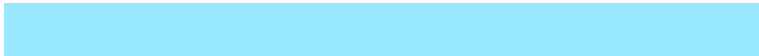
54.1869, 0.2537, 0.2533

# Complementary

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



54.1869, 0.4060, 0.3534



71.6316, 0.2528, 0.3025

# 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.



54.1869, 0.2307, 0.2639



54.1869, 0.4060, 0.3534



54.1869, 0.2451, 0.3372

# Square

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



54.1869, 0.4060, 0.3534



54.1869, 0.3266, 0.4110



54.1869, 0.2276, 0.2932



54.1869, 0.2932, 0.2605



# Rectangle

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



54.1869, 0.4060, 0.3534



54.1869, 0.3829, 0.4058



54.1869, 0.2276, 0.2932



54.1869, 0.2439, 0.2548

# Sweetspot

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



54.1802, 0.4060, 0.3534



83.9403, 0.3336, 0.3358



49.5879, 0.3363, 0.2484



17.6200, 0.3362, 0.3366



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.



54.1802, 0.4060, 0.3534



48.0467, 0.4318, 0.3577



77.8235, 0.3843, 0.4038



18.6438, 0.3289, 0.3344



12.8108, 0.6136, 0.3510

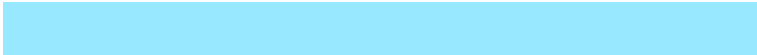


1.4015, 0.5925, 0.3677

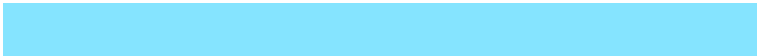


# Inverse Universe

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



71.6316, 0.2528, 0.3025



67.5002, 0.2431, 0.2966



47.0250, 0.2430, 0.2402



19.7538, 0.2980, 0.3236



25.1430, 0.2043, 0.2553



2.6090, 0.2069, 0.2647



# Previews

## White Background



This preview shows how the Yxy color 54.1869, 0.4060, 0.3534 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

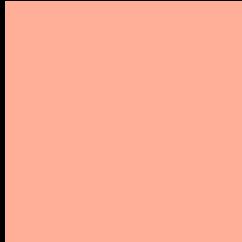
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.1869, 0.4060, 0.3534 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 54.1869, 0.4060, 0.3534**

## Background



This preview shows how black text looks on a background with the Yxy color 54.1869, 0.4060, 0.3534.



This preview shows how white text looks on a background with the Yxy color 54.1869, 0.4060, 0.3534.

# 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

54.1869, 0.4060, 0.3534

### Protanopia

54.2786, 0.3483, 0.3694

### Deuteranopia

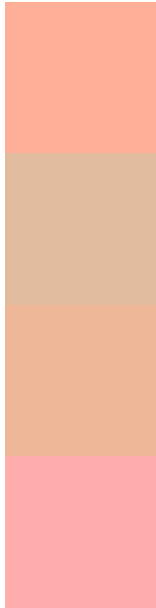
54.4007, 0.3797, 0.3716



## Tritanopia

54.2257, 0.3774, 0.3166

# Trichromacy



**Original Color**

54.1869, 0.4060, 0.3534

**Protanomaly**

53.8566, 0.3685, 0.3629

**Deuteranomaly**

54.2785, 0.3884, 0.3649

**Tritanomaly**

54.1257, 0.3883, 0.3303

# Monochromacy



**Original Color**

54.1869, 0.4060, 0.3534

**Achromatopsia**

55.2011, 0.3127, 0.3290

**Achromatomaly**

54.0134, 0.3437, 0.3385

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.1869, 0.4060, 0.3534 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, 175, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 152)  
}
```

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, 175, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 152) }
```

## Border

The CSS property to change the border of an element to Yxy 54.1869, 0.4060, 0.3534 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, 175, 152) }
```

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

```
.border{ border-color:rgb(255, 175, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
152) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.1869, 0.4060, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 152) }
```

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

```
.background{ background-color: rgb(255,  
175, 152) }
```

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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