

# Converting Colors

Yxy(56.3356, 0.4395, 0.3516)

Have a look what the booklet for  
Yxy(56.3356, 0.4395, 0.3516)  
contains.

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# Color

**Yxy(50.9110, 0.4172, 0.3534)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA790
RGB	255, 167, 144
RGB Percent	100%, 65%, 56%
CMY	0.0000, 0.3451, 0.4353
CMYK	0.00, 0.35, 0.44, 0.00
HSL	12°, 100%, 78%
HSV	12°, 44%, 100%
XYZ	60.1021, 50.9110, 33.0475
YIQ	190.6900, 59.8310, 11.5030

# Conversions

## Conversions Part 2

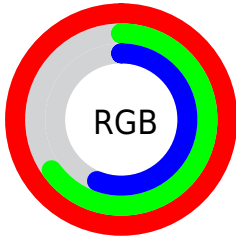
Format	Color
R <sub>Y</sub> B	255, 173, 144
Decimal	16754576
CIE Lab	76.63, 29.92, 25.29
CIE LCh	77, 39.173, 40.212
Yxy	50.9110, 0.4172, 0.3534
Android (android.graphics.Color)	4294944656 (0xFFFFA790)
YUV	190.6900, -23.0182, 56.3999
Hunter-Lab	71.3519, 25.4905, 22.4855

# Details

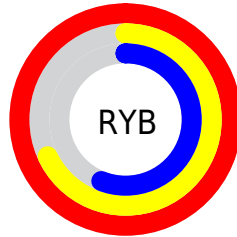
The Yxy color **50.9110, 0.4172, 0.3534** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.8741, 0.2491, 0.3022**, and the grayscale version is **52.0170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1126, 0.3532, 0.3545**, and **24.4270, 0.4460, 0.3572** is the 20% darker color. If you saturate the color by 10%, you get **43.3758, 0.4537, 0.3582**, and if you desaturate by 10%, it is **59.7733, 0.3855, 0.3478**.

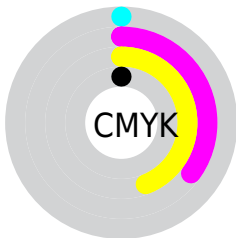
# Distribution



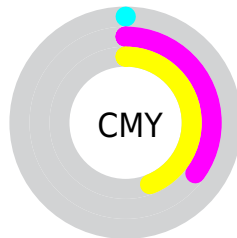
- Red (100%)
- Green (65%)
- Blue (56%)



- Red (100%)
- Yellow (68%)
- Blue (56%)



- Cyan (0%)
- Magenta (35%)
- Yellow (44%)
- Black (0%)




- Cyan (0%)
- Magenta (35%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9110, 0.4172, 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 50.9110, 0.4172, 0.3534 by changing the saturation by 10% instead.




 50.9110, 0.4172,  
0.3534


 50.9110, 0.4172,  
0.3534


390.2179, 0.3653,  
0.3436

 36.1378, 0.4299,  
0.3551


 91.5232, 0.3985,  
0.3504

 24.5406, 0.4459,  
0.3567


 118.1310, 0.3915,  
0.3491

 15.7351, 0.4667,  
0.3582


149.4524, 0.3854,  
0.3480

 9.3369, 0.4946,  
0.3588

185.8718, 0.3803,  
0.3469

 4.9616, 0.5334,  
0.3569

227.7737, 0.3758,  
0.3460

 2.2247, 0.6052,  
0.3570

275.5424, 0.3719,

 0.7334, 0.6821,

0.3451

0.3179

329.5624, 0.3684,  
0.3444

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

50.9110, 0.4172,  
0.3534

50.9110, 0.4172,  
0.3534

43.3758, 0.4537,  
0.3582

59.7733, 0.3855,  
0.3478

37.1129, 0.4941,  
0.3613

70.0347, 0.3589,  
0.3419

32.0473, 0.5358,  
0.3618

81.7487, 0.3367,  
0.3362

28.1001, 0.5744,  
0.3587

94.9694, 0.3184,  
0.3308

■ 25.1823, 0.6049,  
0.3519

100.0000, 0.3127,  
0.3290

■ 23.7878, 0.6192,  
0.3465

# Harmonies

## Analogous

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



50.9110, 0.3909, 0.3119



50.9110, 0.4172, 0.3534



50.9110, 0.4121, 0.3931

# Triad

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



50.9110, 0.4172, 0.3534



50.9110, 0.2787, 0.3921



50.9110, 0.2451, 0.2449

# Complementary

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



50.9110, 0.4172, 0.3534



70.8741, 0.2491, 0.3022

# 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.



50.9110, 0.2208, 0.2571



50.9110, 0.4172, 0.3534



50.9110, 0.2385, 0.3404

# Square

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



50.9110, 0.4172, 0.3534



50.9110, 0.3302, 0.4228



50.9110, 0.2184, 0.2903



50.9110, 0.2882, 0.2522



# Rectangle

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



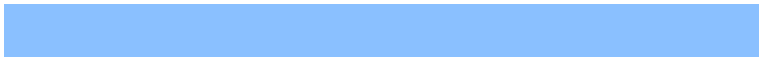
50.9110, 0.4172, 0.3534



50.9110, 0.3927, 0.4137



50.9110, 0.2184, 0.2903



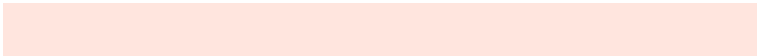
50.9110, 0.2347, 0.2467

# Sweetspot

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



50.9074, 0.4172, 0.3534



82.4062, 0.3357, 0.3359



47.0810, 0.3370, 0.2408



17.0538, 0.3402, 0.3372



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.



50.9074, 0.4172, 0.3534



44.4414, 0.4478, 0.3576



75.3586, 0.3913, 0.4078



18.5962, 0.3289, 0.3340



12.5994, 0.6167, 0.3485

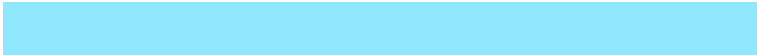


1.3746, 0.5960, 0.3650

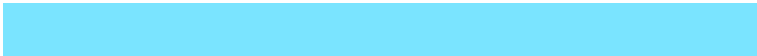


# Inverse Universe

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



70.8741, 0.2491, 0.3022



66.6238, 0.2389, 0.2961



44.7154, 0.2375, 0.2342



19.8051, 0.2980, 0.3240



26.1162, 0.2058, 0.2609



2.6959, 0.2082, 0.2695



# Previews

## White Background



This preview shows how the Yxy color 50.9110, 0.4172, 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 50.9110, 0.4172, 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 50.9110, 0.4172, 0.3534**

## **Background**



This preview shows how black text looks on a background with the Yxy color 50.9110, 0.4172, 0.3534.



This preview shows how white text looks on a background with the Yxy color 50.9110, 0.4172, 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

50.9110, 0.4172, 0.3534

### Protanopia

51.1458, 0.3508, 0.3729

### Deuteranopia

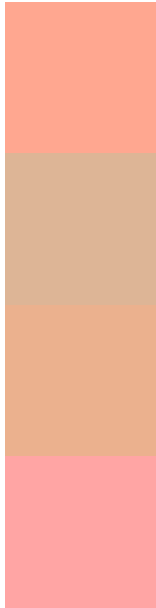
51.2263, 0.3849, 0.3771



## Tritanopia

50.9061, 0.3884, 0.3176

# Trichromacy



**Original Color**

50.9110, 0.4172, 0.3534

**Protanomaly**

50.6219, 0.3747, 0.3659

**Deuteranomaly**

51.0594, 0.3962, 0.3687

**Tritanomaly**

50.8506, 0.3988, 0.3303

# Monochromacy



**Original Color**

50.9110, 0.4172, 0.3534

**Achromatopsia**

52.0996, 0.3127, 0.3290

**Achromatomaly**

50.8080, 0.3473, 0.3387

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 50.9110, 0.4172, 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, 167, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 144)  
}
```

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, 167, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 144) }
```

## Border

The CSS property to change the border of an element to Yxy 50.9110, 0.4172, 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, 167, 144) }
```

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

```
.border{ border-color:rgb(255, 167, 144) }
```

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

Here you see how a box with a 4 pixel rgb(255, 167, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
144) }
```



# Background

The CSS property to change the background color of an element to Yxy 50.9110, 0.4172, 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, 167, 144) }
```

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

```
.background{ background-color: rgb(255,  
167, 144) }
```

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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