

# Converting Colors

Yxy(56.6813, 0.4263, 0.3619)

Have a look what the booklet for  
Yxy(56.6813, 0.4263, 0.3619)  
contains.

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# Color

**Yxy(53.8729, 0.4150, 0.3638)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAF8E
RGB	255, 175, 142
RGB Percent	100%, 69%, 56%
CMY	0.0000, 0.3137, 0.4431
CMYK	0.00, 0.31, 0.44, 0.00
HSL	18°, 100%, 78%
HSV	18°, 44%, 100%
XYZ	61.4548, 53.8729, 32.7561
YIQ	195.1580, 58.2730, 6.6970

# Conversions

## Conversions Part 2

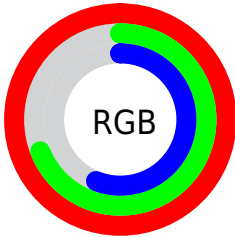
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 189, 142
Decimal	16756622
CIE Lab	78.39, 25.51, 28.73
CIE LCh	78, 38.421, 48.389
Yxy	53.8729, 0.4150, 0.3638
Android (android.graphics.Color)	4294946702 (0xFFFFAF8E)
YUV	195.1580, -26.2069, 52.4814
Hunter-Lab	73.3982, 21.0077, 24.9188

# Details

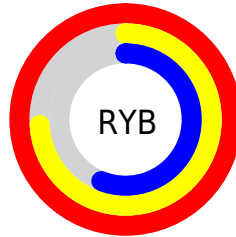
The Yxy color **53.8729, 0.4150, 0.3638** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.2214, 0.2461, 0.2901**, and the grayscale version is **54.8067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3974, 0.3528, 0.3644**, and **26.4102, 0.4431, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **46.6293, 0.4489, 0.3706**, and if you desaturate by 10%, it is **62.2346, 0.3852, 0.3559**.

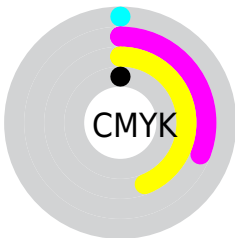
# Distribution



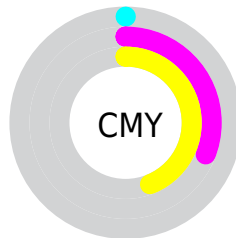
- Red (100%)
- Green (69%)
- Blue (56%)



- Red (100%)
- Yellow (74%)
- Blue (56%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)
- Black (0%)




- Cyan (0%)
- Magenta (31%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8729, 0.4150, 0.3638 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 53.8729, 0.4150, 0.3638 by changing the saturation by 10% instead.





 53.8729, 0.4150,  
0.3638

 53.8729, 0.4150,  
0.3638


401.6252, 0.3648,  
0.3491

 38.5001, 0.4270,  
0.3666


 95.8876, 0.3971,  
0.3591

 26.3710, 0.4421,  
0.3697


 123.2982, 0.3903,  
0.3571

 17.1014, 0.4616,  
0.3730


 155.4903, 0.3844,  
0.3554

 10.3068, 0.4873,  
0.3761

192.8481, 0.3794,  
0.3539

 5.6029, 0.5223,  
0.3775

235.7561, 0.3751,  
0.3525

 2.6051, 0.5863,  
0.3831

284.5987, 0.3712,

 0.9292, 0.6459,

0.3512

0.3541

339.7602, 0.3678,  
0.3501

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.8729, 0.4150,  
0.3638

53.8729, 0.4150,  
0.3638

46.6293, 0.4489,  
0.3706

62.2346, 0.3852,  
0.3559

40.4499, 0.4858,  
0.3754

71.7555, 0.3595,  
0.3477

35.2831, 0.5237,  
0.3769

82.4804, 0.3379,  
0.3397

31.0707, 0.5591,  
0.3740

94.4503, 0.3196,  
0.3321

■ 27.7474, 0.5882,  
0.3664

100.0000, 0.3127,  
0.3290

■ 26.2180, 0.6014,  
0.3607

# Harmonies

## Analogous

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



53.8729, 0.3976, 0.3233



53.8729, 0.4150, 0.3638



53.8729, 0.4022, 0.3999

# Triad

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



53.8729, 0.4150, 0.3638



53.8729, 0.2679, 0.3772



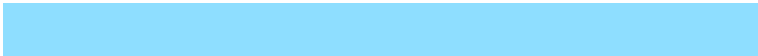
53.8729, 0.2573, 0.2478

# Complementary

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



53.8729, 0.4150, 0.3638



65.2214, 0.2461, 0.2901

# 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.



53.8729, 0.2283, 0.2545



53.8729, 0.4150, 0.3638



53.8729, 0.2338, 0.3260

# Square

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



53.8729, 0.4150, 0.3638



53.8729, 0.3158, 0.4139



53.8729, 0.2201, 0.2812



53.8729, 0.3028, 0.2596



# Rectangle

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



53.8729, 0.4150, 0.3638



53.8729, 0.3796, 0.4163



53.8729, 0.2201, 0.2812



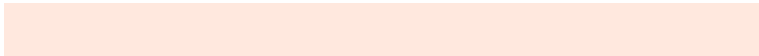
53.8729, 0.2455, 0.2479

# Sweetspot

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



53.8745, 0.4150, 0.3638



83.9741, 0.3353, 0.3387



45.9376, 0.3464, 0.2477



17.4369, 0.3397, 0.3404



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.



53.8745, 0.4150, 0.3638



47.5151, 0.4442, 0.3698



80.0970, 0.3888, 0.4176



18.8510, 0.3287, 0.3360



13.9215, 0.5985, 0.3630

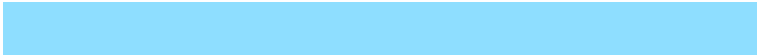


1.5344, 0.5764, 0.3805

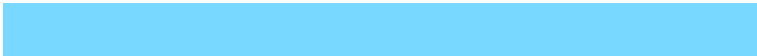


# Inverse Universe

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



65.2214, 0.2461, 0.2901



60.0792, 0.2348, 0.2809



40.4251, 0.2340, 0.2203



19.5329, 0.2980, 0.3219



21.2157, 0.1974, 0.2308



2.2546, 0.2009, 0.2433



# Previews

## White Background



This preview shows how the Yxy color 53.8729, 0.4150, 0.3638 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

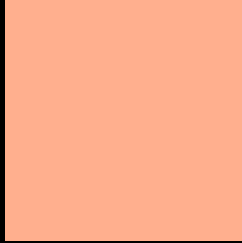
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.8729, 0.4150, 0.3638 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

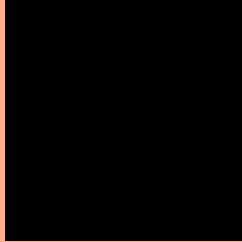
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.8729, 0.4150, 0.3638**

## Background



This preview shows how black text looks on a background with the Yxy color 53.8729, 0.4150, 0.3638.



This preview shows how white text looks on a background with the Yxy color 53.8729, 0.4150, 0.3638.

# 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

53.8729, 0.4150, 0.3638

### Protanopia

54.0510, 0.3578, 0.3828

### Deuteranopia

54.0002, 0.3902, 0.3814



## Tritanopia

53.8047, 0.3786, 0.3166

# Trichromacy



## Original Color

53.8729, 0.4150, 0.3638



## Protanomaly

53.4945, 0.3777, 0.3758



## Deuteranomaly

53.9042, 0.3992, 0.3745



## Tritanomaly

53.5922, 0.3924, 0.3335

# Monochromacy



## Original Color

53.8729, 0.4150, 0.3638



## Achromatopsia

54.5724, 0.3127, 0.3290



## Achromatomaly

53.8527, 0.3470, 0.3433

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.8729, 0.4150, 0.3638 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 142) }
```

## Border

The CSS property to change the border of an element to Yxy 53.8729, 0.4150, 0.3638 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, 142) }
```

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

```
.border{ border-color:rgb(255, 175, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
142) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.8729, 0.4150, 0.3638 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, 142) }
```

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

```
.background{ background-color: rgb(255,  
175, 142) }
```

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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