

# Converting Colors

$Yxy(62.3497, 0.3773, 0.3576)$

Have a look what the booklet for  
Yxy(62.3497, 0.3773, 0.3576)  
contains.

<b>Yxy(62.3009, 0.3770, 0.3580)</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(62.3009, 0.3770, 0.3580)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8C4A9
RGB	248, 196, 169
RGB Percent	97%, 77%, 66%
CMY	0.0276, 0.2313, 0.3371
CMYK	0.00, 0.21, 0.32, 0.03
HSL	21°, 85%, 82%
HSV	21°, 32%, 97%
XYZ	65.6074, 62.3009, 46.1166
YIQ	208.4700, 39.6590, 2.6270

# Conversions

## Conversions Part 2

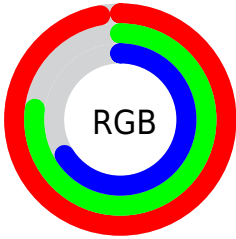
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 210, 169
Decimal	16303273
CIE Lab	83.07, 14.84, 20.62
CIE LCh	83, 25.406, 54.248
Yxy	62.3009, 0.3770, 0.3580
Android (android.graphics.Color)	4294493353 (0xFFFF8C4A9)
YUV	208.4700, -19.4587, 34.6678
Hunter-Lab	78.9309, 10.2401, 20.6106

# Details

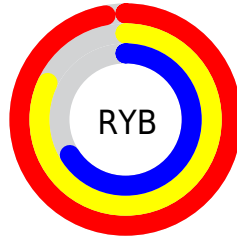
The Yxy color **62.3009, 0.3770, 0.3580** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.9186, 0.2633, 0.2979**, and the grayscale version is **63.5087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8924, 0.3312, 0.3573**, and **31.5775, 0.3930, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **54.4916, 0.4046, 0.3673**, and if you desaturate by 10%, it is **71.0935, 0.3532, 0.3485**.

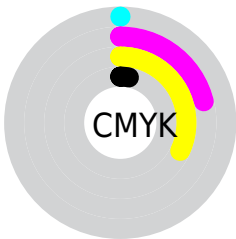
# Distribution



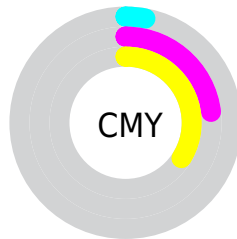
- Red (97%)
- Green (77%)
- Blue (66%)



- Red (97%)
- Yellow (82%)
- Blue (66%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (3%)



- Cyan (3%)
- Magenta (23%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3009, 0.3770, 0.3580 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 62.3009, 0.3770, 0.3580 by changing the saturation by 10% instead.





 62.3009, 0.3770,  
0.3580

 62.3009, 0.3770,  
0.3580


433.0278, 0.3462,  
0.3450

 45.2759, 0.3843,  
0.3608


 108.1603, 0.3661,  
0.3536

 31.6748, 0.3934,  
0.3642


137.7635, 0.3619,  
0.3519

 21.1132, 0.4050,  
0.3683


172.3281, 0.3584,  
0.3504

 13.2068, 0.4205,  
0.3733

212.2387, 0.3553,  
0.3490

 7.5711, 0.4419,  
0.3794

257.8796, 0.3526,  
0.3478

 3.8217, 0.4731,  
0.3863

309.6351, 0.3502,

 1.5744, 0.5506,

0.3468

0.4141

367.8897, 0.3481,  
0.3459

0.3402, 0.6684,  
0.3316

0.0000, 0.0000,  
0.0000

62.3009, 0.3770,  
0.3580

62.3009, 0.3770,  
0.3580

54.4916, 0.4046,  
0.3673

71.0935, 0.3532,  
0.3485

47.6215, 0.4358,  
0.3758

80.8943, 0.3328,  
0.3393

41.6555, 0.4700,  
0.3824

91.7381, 0.3156,  
0.3305

36.5529, 0.5054,  
0.3858

98.6914, 0.3084,  
0.3290

■ 32.2695, 0.5396,  
0.3849

■ 28.7558, 0.5692,  
0.3788

■ 26.4122, 0.5887,  
0.3708

# Harmonies

## Analogous

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



62.3009, 0.3694, 0.3317



62.3009, 0.3770, 0.3580



62.3009, 0.3664, 0.3786

# Triad

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



62.3009, 0.3770, 0.3580



62.3009, 0.2794, 0.3531



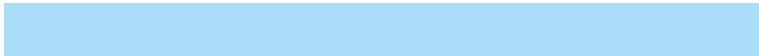
62.3009, 0.2826, 0.2765

# Complementary

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



62.3009, 0.3770, 0.3580



66.9186, 0.2633, 0.2979

# 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.



62.3009, 0.2607, 0.2793



62.3009, 0.3770, 0.3580



62.3009, 0.2590, 0.3221

# Square

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



62.3009, 0.3770, 0.3580



62.3009, 0.3094, 0.3776



62.3009, 0.2523, 0.2952



62.3009, 0.3135, 0.2863



# Rectangle

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



62.3009, 0.3770, 0.3580



62.3009, 0.3508, 0.3858



62.3009, 0.2523, 0.2952



62.3009, 0.2740, 0.2760

# Sweetspot

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



62.3038, 0.3770, 0.3580



88.2208, 0.3295, 0.3376



53.5933, 0.3380, 0.2743



18.5479, 0.3321, 0.3389



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.



62.3038, 0.3770, 0.3580



61.0922, 0.3937, 0.3639



82.1276, 0.3647, 0.3966



18.1952, 0.3285, 0.3372



14.5048, 0.5858, 0.3731



1.5319, 0.5628, 0.3913



# Inverse Universe

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



66.9186, 0.2633, 0.2979



66.6751, 0.2540, 0.2907



48.7456, 0.2576, 0.2508



18.5508, 0.2980, 0.3207



18.1246, 0.1925, 0.2129



1.8755, 0.1968, 0.2284



# Previews

## White Background



This preview shows how the Yxy color 62.3009, 0.3770, 0.3580 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 62.3009, 0.3770, 0.3580 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

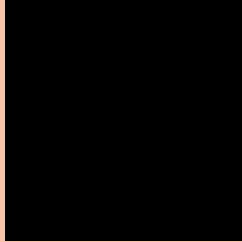
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.3009, 0.3770, 0.3580**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.3009, 0.3770, 0.3580.



This preview shows how white text looks on a background with the Yxy color 62.3009, 0.3770, 0.3580.

# 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

62.3009, 0.3770, 0.3580

### Protanopia

62.5871, 0.3453, 0.3671

### Deuteranopia

62.3748, 0.3710, 0.3629



## Tritanopia

62.4133, 0.3512, 0.3135

# Trichromacy



## Original Color

62.3009, 0.3770, 0.3580

## Protanomaly

62.3484, 0.3568, 0.3640

## Deuteranomaly

62.4484, 0.3739, 0.3616

## Tritanomaly

62.4994, 0.3606, 0.3291

# Monochromacy



## Original Color

62.3009, 0.3770, 0.3580

## Achromatopsia

63.0757, 0.3127, 0.3290

## Achromatomaly

62.7687, 0.3349, 0.3403

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.3009, 0.3770, 0.3580 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(248, 196, 169)` looks like.

```
.text, #text, p{  
    color:rgb(248, 196, 169)  
}
```

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(248, 196, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 196, 169) }
```

## Border

The CSS property to change the border of an element to Yxy 62.3009, 0.3770, 0.3580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

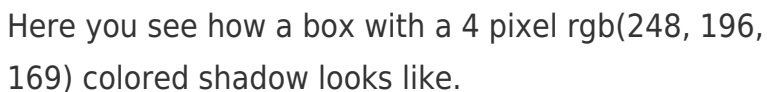
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 196, 169) }
```

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

```
.border{ border-color:rgb(248, 196, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(248, 196, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 196, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 196, 169);  
box-shadow:4px 4px 4px 4px rgb(248, 196,  
169) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.3009, 0.3770, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 196, 169) }
```

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

```
.background{ background-color: rgb(248,  
196, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor