

# Converting Colors

$Yxy(60.5703, 0.3785, 0.3456)$

Have a look what the booklet for  
Yxy(60.5703, 0.3785, 0.3456)  
contains.

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# Color

**Yxy(60.5784, 0.3782, 0.3461)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCBEAE
RGB	252, 190, 174
RGB Percent	99%, 75%, 68%
CMY	0.0118, 0.2549, 0.3176
CMYK	0.00, 0.25, 0.31, 0.01
HSL	12°, 93%, 84%
HSV	12°, 31%, 99%
XYZ	66.1969, 60.5784, 48.2562
YIQ	206.7140, 42.0880, 8.1680

# Conversions

## Conversions Part 2

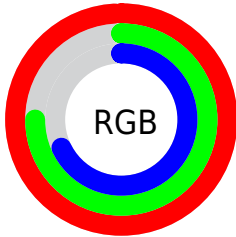
Format	Color
RYB	252, 194, 174
Decimal	16563886
CIELab	82.15, 20.14, 16.74
CIELCh	82, 26.187, 39.741
Yxy	60.5784, 0.3782, 0.3461
Android (android.graphics.Color)	4294753966 (0xFFFCBEAE)
YUV	206.7140, -16.1280, 39.7158
Hunter-Lab	77.8321, 15.6096, 17.7225

# Details

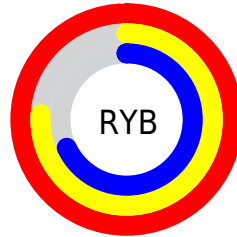
The Yxy color **60.5784, 0.3782, 0.3461** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.0181, 0.2661, 0.3111**, and the grayscale version is **62.2907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4387, 0.3288, 0.3466**, and **30.4828, 0.3949, 0.3483** is the 20% darker color. If you saturate the color by 10%, you get **51.5992, 0.4085, 0.3518**, and if you desaturate by 10%, it is **70.9402, 0.3527, 0.3403**.

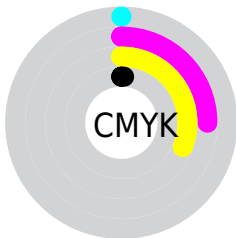
# Distribution



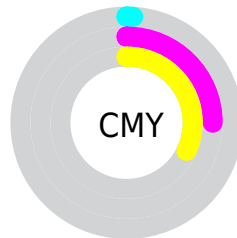
- Red (99%)
- Green (75%)
- Blue (68%)



- Red (99%)
- Yellow (76%)
- Blue (68%)



- Cyan (0%)
- Magenta (25%)
- Yellow (31%)
- Black (1%)




- Cyan (1%)
- Magenta (25%)
- Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5784, 0.3782, 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 60.5784, 0.3782, 0.3461 by changing the saturation by 10% instead.




 60.5784, 0.3782,  
0.3461

 60.5784, 0.3782,  
0.3461


426.7265, 0.3466,  
0.3388

 43.8850, 0.3857,  
0.3476


 105.6683, 0.3670,  
0.3437

 30.5801, 0.3952,  
0.3493


134.8335, 0.3627,  
0.3427

 20.2793, 0.4074,  
0.3513

168.9248, 0.3590,  
0.3419

 12.5983, 0.4238,  
0.3536

208.3266, 0.3558,  
0.3411

 7.1525, 0.4467,  
0.3560

253.4233, 0.3531,  
0.3404

 3.5577, 0.4809,  
0.3578


304.5992, 0.3507,

 1.4293, 0.5554,

0.3398

0.3687

362.2388, 0.3485,  
0.3393

 0.2382, 0.7509,  
0.2491


 0.0000, 0.0000,  
0.0000


 60.5784, 0.3782,  
0.3461

 60.5784, 0.3782,  
0.3461


 51.5992, 0.4085,  
0.3518


 70.9402, 0.3527,  
0.3403


 43.9353, 0.4439,  
0.3568

 82.7310, 0.3316,  
0.3347

 37.5267, 0.4835,  
0.3604

 96.0059, 0.3142,  
0.3295

 32.3050, 0.5252,  
0.3617

 99.4336, 0.3109,  
0.3290

■ 28.1952, 0.5652,  
0.3595

■ 25.1133, 0.5982,  
0.3537

■ 23.1214, 0.6195,  
0.3463

# Harmonies

## Analogous

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



60.5784, 0.3615, 0.3184



60.5784, 0.3782, 0.3461



60.5784, 0.3761, 0.3713

# Triad

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



60.5784, 0.3782, 0.3461



60.5784, 0.2923, 0.3680



60.5784, 0.2689, 0.2742

# Complementary

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



60.5784, 0.3782, 0.3461



76.0181, 0.2661, 0.3111

# 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.



60.5784, 0.2526, 0.2836



60.5784, 0.3782, 0.3461



60.5784, 0.2655, 0.3374

# Square

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



60.5784, 0.3782, 0.3461



60.5784, 0.3255, 0.3866



60.5784, 0.2514, 0.3062



60.5784, 0.2972, 0.2783



# Rectangle

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



60.5784, 0.3782, 0.3461



60.5784, 0.3646, 0.3833



60.5784, 0.2514, 0.3062



60.5784, 0.2619, 0.2758

# Sweetspot

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



60.5812, 0.3782, 0.3461



87.5168, 0.3280, 0.3337



57.0515, 0.3286, 0.2660



18.3255, 0.3307, 0.3345



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.



60.5812, 0.3782, 0.3461



56.4639, 0.3960, 0.3496



79.5669, 0.3662, 0.3850



17.8017, 0.3289, 0.3339



12.2121, 0.6169, 0.3483

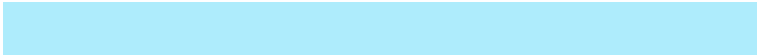


1.2750, 0.5951, 0.3657

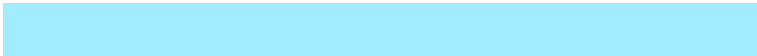


# Inverse Universe

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



76.0181, 0.2661, 0.3111



74.5496, 0.2577, 0.3070



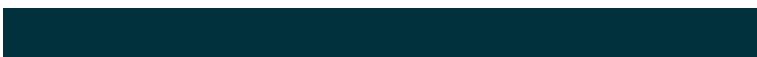
56.1468, 0.2608, 0.2658



18.9684, 0.2980, 0.3240



25.4731, 0.2060, 0.2616



2.5064, 0.2085, 0.2706



# Previews

## White Background



This preview shows how the Yxy color 60.5784, 0.3782, 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 60.5784, 0.3782, 0.3461 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

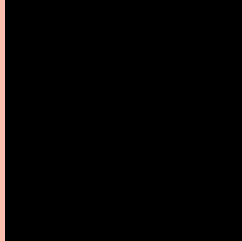
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.5784, 0.3782, 0.3461**

## Background



This preview shows how black text looks on a background with the Yxy color 60.5784, 0.3782, 0.3461.



This preview shows how white text looks on a background with the Yxy color 60.5784, 0.3782, 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

60.5784, 0.3782, 0.3461

### Protanopia

60.8181, 0.3374, 0.3559

### Deuteranopia

60.7825, 0.3634, 0.3557



## Tritanopia

60.5479, 0.3597, 0.3146

# Trichromacy



## Original Color

60.5784, 0.3782, 0.3461

## Protanomaly

60.5552, 0.3522, 0.3528

## Deuteranomaly

60.4779, 0.3694, 0.3520

## Tritanomaly

60.3731, 0.3663, 0.3250

# Monochromacy



## Original Color

60.5784, 0.3782, 0.3461

## Achromatopsia

62.3960, 0.3127, 0.3290

## Achromatomaly

61.4014, 0.3346, 0.3358

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.5784, 0.3782, 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(252, 190, 174)` looks like.

```
.text, #text, p{  
    color:rgb(252, 190, 174)  
}
```

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(252, 190, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 190, 174) }
```

## Border

The CSS property to change the border of an element to Yxy 60.5784, 0.3782, 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(252, 190, 174) }
```

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

```
.border{ border-color:rgb(252, 190, 174) }
```

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

Here you see how a box with a 4 pixel rgb(252, 190, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 190, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 190, 174);  
box-shadow:4px 4px 4px 4px rgb(252, 190,  
174) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.5784, 0.3782, 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(252, 190, 174) }
```

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

```
.background{ background-color: rgb(252,  
190, 174) }
```

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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