

# Converting Colors

$Y_{xy}(60.8702, 0.3692, 0.3289)$

Have a look what the booklet for  
Yxy(60.8702, 0.3692, 0.3289)  
contains.

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# Color

**Yxy(60.8573, 0.3694, 0.3292)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBCBC
RGB	255, 188, 188
RGB Percent	100%, 74%, 74%
CMY	0.0001, 0.2626, 0.2628
CMYK	0.00, 0.26, 0.26, 0.00
HSL	0°, 100%, 87%
HSV	0°, 26%, 100%
XYZ	68.2888, 60.8573, 55.7181
YIQ	208.0330, 39.9320, 14.2040

# Conversions

## Conversions Part 2

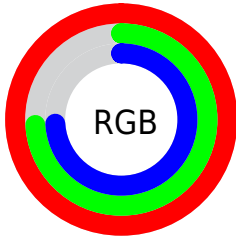
Format	Color
R <sub>Y</sub> B	255, 188, 188
Decimal	16759996
CIE Lab	82.30, 24.11, 9.51
CIE LCh	82, 25.918, 21.538
Yxy	60.8573, 0.3694, 0.3292
Android (android.graphics.Color)	4294950076 (0xFFFFBCBC)
YUV	208.0330, -9.8763, 41.1901
Hunter-Lab	78.0111, 19.7348, 12.2609

# Details

The Yxy color **60.8573, 0.3694, 0.3292** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.3814, 0.2742, 0.3289**, and the grayscale version is **63.1453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0965, 0.3198, 0.3300**, and **30.6698, 0.3840, 0.3279** is the 20% darker color. If you saturate the color by 10%, you get **49.9109, 0.4012, 0.3293**, and if you desaturate by 10%, it is **73.9259, 0.3438, 0.3291**.

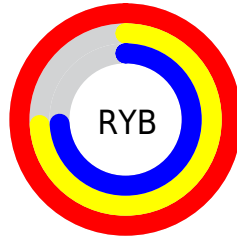
# Distribution



Red (100%)

Green (74%)

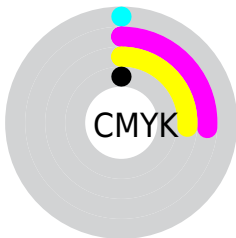
Blue (74%)



Red (100%)

Yellow (74%)

Blue (74%)

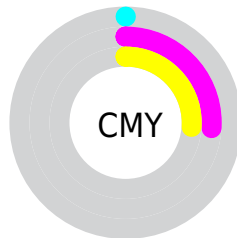


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (26%)


Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8573, 0.3694, 0.3292 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 60.8573, 0.3694, 0.3292 by changing the saturation by 10% instead.




 60.8573, 0.3694,  
0.3292

 60.8573, 0.3694,  
0.3292


427.7506, 0.3421,  
0.3296

 44.1100, 0.3759,  
0.3290


 106.0723, 0.3597,  
0.3295

 30.7570, 0.3841,  
0.3286


135.3088, 0.3560,  
0.3295

 20.4139, 0.3947,  
0.3279


169.4771, 0.3528,  
0.3296

 12.6963, 0.4090,  
0.3269

208.9617, 0.3501,  
0.3296

 7.2197, 0.4291,  
0.3250

254.1470, 0.3477,  
0.3296

 3.5999, 0.4595,  
0.3212

305.4173, 0.3456,

 1.4524, 0.5109,

0.3296

0.3129

363.1570, 0.3437,  
0.3296

0.2548, 0.7652,  
0.2348

0.0000, 0.0000,  
0.0000

60.8573, 0.3694,  
0.3292

60.8573, 0.3694,  
0.3292

49.9109, 0.4012,  
0.3293

73.9259, 0.3438,  
0.3291

40.9668, 0.4398,  
0.3294

89.2113, 0.3233,  
0.3290

33.9064, 0.4848,  
0.3296

99.9928, 0.3127,  
0.3290

28.5951, 0.5332,  
0.3297

■ 24.8803, 0.5794,  
0.3299

■ 22.5837, 0.6156,  
0.3299

■ 21.4830, 0.6356,  
0.3300

■ 21.2556, 0.6400,  
0.3300

# Harmonies

## Analogous

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



60.8573, 0.3438, 0.3032



60.8573, 0.3694, 0.3292



60.8573, 0.3789, 0.3564

# Triad

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



60.8573, 0.3694, 0.3292



60.8573, 0.3123, 0.3807



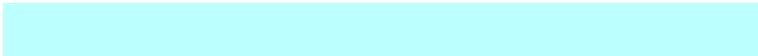
60.8573, 0.2579, 0.2788

# Complementary

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



60.8573, 0.3694, 0.3292



89.3814, 0.2742, 0.3289

# 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.



60.8573, 0.2507, 0.2963



60.8573, 0.3694, 0.3292



60.8573, 0.2810, 0.3565

# Square

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



60.8573, 0.3694, 0.3292



60.8573, 0.3448, 0.3883



60.8573, 0.2589, 0.3247



60.8573, 0.2792, 0.2748



# Rectangle

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



60.8573, 0.3694, 0.3292



60.8573, 0.3747, 0.3721



60.8573, 0.2589, 0.3247



60.8573, 0.2538, 0.2832

# Sweetspot

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



60.8601, 0.3694, 0.3292



86.4289, 0.3266, 0.3291



64.4326, 0.3158, 0.2634



17.9886, 0.3295, 0.3291



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.



60.8601, 0.3694, 0.3292



54.3496, 0.3868, 0.3293



76.8478, 0.3607, 0.3633



17.9886, 0.3295, 0.3291



11.1109, 0.6400, 0.3300



1.0823, 0.6400, 0.3301

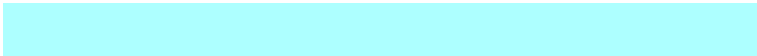


# Inverse Universe

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



89.3814, 0.2742, 0.3289



87.6432, 0.2668, 0.3288



69.8723, 0.2707, 0.2920



20.4798, 0.2980, 0.3289



41.1004, 0.2246, 0.3286

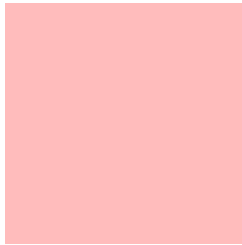


4.0023, 0.2246, 0.3286



# Previews

## White Background



This preview shows how the Yxy color 60.8573, 0.3694, 0.3292 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

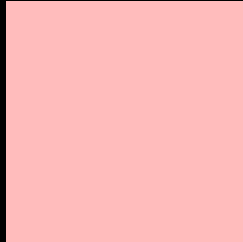
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.8573, 0.3694, 0.3292 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 60.8573, 0.3694, 0.3292**

## Background



This preview shows how black text looks on a background with the Yxy color 60.8573, 0.3694, 0.3292.

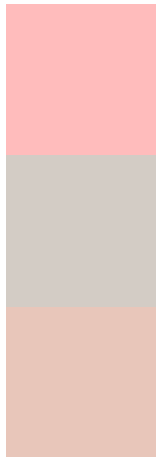


This preview shows how white text looks on a background with the Yxy color 60.8573, 0.3694, 0.3292.

# 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

60.8573, 0.3694, 0.3292

### Protanopia

61.0658, 0.3232, 0.3371

### Deuteranopia

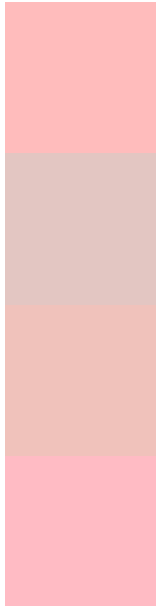
61.0891, 0.3494, 0.3425



## Tritanopia

61.0177, 0.3586, 0.3146

# Trichromacy



## Original Color

60.8573, 0.3694, 0.3292

## Protanomaly

60.6141, 0.3390, 0.3336

## Deuteranomaly

60.6967, 0.3562, 0.3368

## Tritanomaly

60.7862, 0.3629, 0.3198

# Monochromacy



## Original Color

60.8573, 0.3694, 0.3292

## Achromatopsia

63.0757, 0.3127, 0.3290

## Achromatomaly

61.9979, 0.3316, 0.3291

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.8573, 0.3694, 0.3292 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, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 188)  
}
```

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, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 188) }
```

## Border

The CSS property to change the border of an element to Yxy 60.8573, 0.3694, 0.3292 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, 188, 188) }
```

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

```
.border{ border-color:rgb(255, 188, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
188) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.8573, 0.3694, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 188) }
```

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

```
.background{ background-color: rgb(255,  
188, 188) }
```

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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