

# Converting Colors

$Yxy(61.1094, 0.3675, 0.3273)$

Have a look what the booklet for  
Yxy(61.1094, 0.3675, 0.3273)  
contains.

<b>Yxy(60.9441, 0.3677, 0.3271)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(60.9441, 0.3677, 0.3271)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBCBE
RGB	255, 188, 190
RGB Percent	100%, 74%, 75%
CMY	0.0001, 0.2627, 0.2549
CMYK	0.00, 0.26, 0.25, 0.00
HSL	358°, 100%, 87%
HSV	358°, 26%, 100%
XYZ	68.5085, 60.9441, 56.8638
YIQ	208.2610, 39.2900, 14.8260

# Conversions

## Conversions Part 2

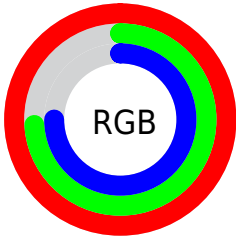
Format	Color
R <sub>Y</sub> B	255, 188, 190
Decimal	16759998
CIE Lab	82.35, 24.39, 8.51
CIE LCh	82, 25.828, 19.229
Yxy	60.9441, 0.3677, 0.3271
Android (android.graphics.Color)	4294950078 (0xFFFFBCBE)
YUV	208.2610, -9.0027, 40.9901
Hunter-Lab	78.0667, 20.0285, 11.4599

# Details

The Yxy color **60.9441, 0.3677, 0.3271** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.2864, 0.2751, 0.3310**, and the grayscale version is **63.2958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2186, 0.3186, 0.3281**, and **30.7267, 0.3817, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **50.0055, 0.3985, 0.3264**, and if you desaturate by 10%, it is **73.9965, 0.3429, 0.3279**.

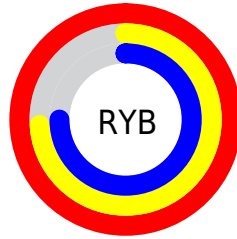
# Distribution



Red (100%)

Green (74%)

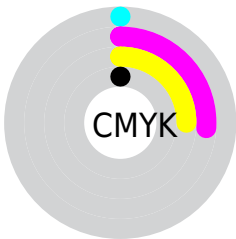
Blue (75%)



Red (100%)

Yellow (74%)

Blue (75%)

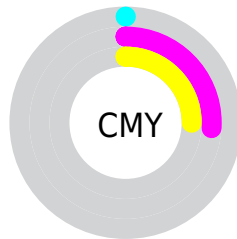


Cyan (0%)

Magenta (26%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9441, 0.3677, 0.3271 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 60.9441, 0.3677, 0.3271 by changing the saturation by 10% instead.





 60.9441, 0.3677,  
0.3271

 60.9441, 0.3677,  
0.3271


428.0690, 0.3412,  
0.3285

 44.1801, 0.3740,  
0.3266


 106.1980, 0.3583,  
0.3277

 30.8121, 0.3820,  
0.3260


135.4566, 0.3547,  
0.3279

 20.4558, 0.3922,  
0.3251


169.6489, 0.3516,  
0.3280

 12.7268, 0.4060,  
0.3236

209.1593, 0.3490,  
0.3282

 7.2407, 0.4255,  
0.3212

254.3721, 0.3467,  
0.3283

 3.6131, 0.4550,  
0.3168


305.6717, 0.3446,

 1.4596, 0.5043,


0.3284

0.3074


363.4425, 0.3428,  
0.3284


 0.2600, 0.7642,  
0.2358


 0.0000, 0.0000,  
0.0000


 60.9441, 0.3677,  
0.3271

 60.9441, 0.3677,  
0.3271

 50.0055, 0.3985,  
0.3264


 73.9965, 0.3429,  
0.3279

 41.0615, 0.4359,  
0.3258

 89.2565, 0.3230,  
0.3286

 33.9944, 0.4796,  
0.3254

99.9943, 0.3127,  
0.3290

 28.6706, 0.5272,  
0.3254

■ 24.9389, 0.5734,  
0.3260

■ 22.6224, 0.6109,  
0.3272

■ 21.5012, 0.6333,  
0.3287

■ 21.2708, 0.6380,  
0.3288

# Harmonies

## Analogous

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



60.9441, 0.3412, 0.3016



60.9441, 0.3677, 0.3271



60.9441, 0.3786, 0.3543

# Triad

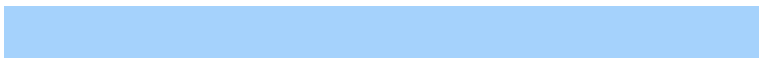
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.9441, 0.3677, 0.3271



60.9441, 0.3148, 0.3817



60.9441, 0.2570, 0.2799

# Complementary

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



60.9441, 0.3677, 0.3271



89.2864, 0.2751, 0.3310

# 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.



60.9441, 0.2510, 0.2983



60.9441, 0.3677, 0.3271



60.9441, 0.2833, 0.3586

# Square

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



60.9441, 0.3677, 0.3271



60.9441, 0.3470, 0.3879



60.9441, 0.2603, 0.3271



60.9441, 0.2773, 0.2749



# Rectangle

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



60.9441, 0.3677, 0.3271



60.9441, 0.3753, 0.3703



60.9441, 0.2603, 0.3271



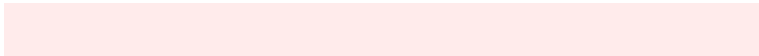
60.9441, 0.2534, 0.2846

# Sweetspot

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



60.9469, 0.3677, 0.3271



86.4577, 0.3262, 0.3285



64.0268, 0.3141, 0.2631



17.9957, 0.3290, 0.3283



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.



60.9469, 0.3677, 0.3271



54.4277, 0.3846, 0.3267



75.6867, 0.3612, 0.3611



17.9957, 0.3290, 0.3283



11.1212, 0.6371, 0.3283



1.0857, 0.6300, 0.3244



# Inverse Universe

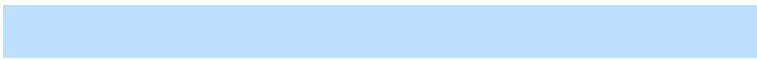
The Inverse Universe completely reimagines the original color for something new.



60.9469, 0.3677, 0.3271



54.4277, 0.3846, 0.3267



71.0766, 0.2709, 0.2946



17.9957, 0.3290, 0.3283



11.1212, 0.6371, 0.3283

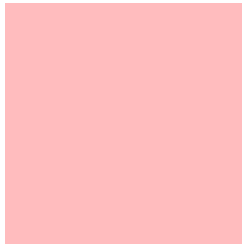


1.0857, 0.6300, 0.3244



# Previews

## White Background



This preview shows how the Yxy color 60.9441, 0.3677, 0.3271 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

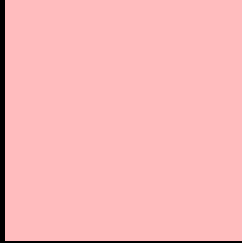
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.9441, 0.3677, 0.3271 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 60.9441, 0.3677, 0.3271**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.9441, 0.3677, 0.3271.



This preview shows how white text looks on a background with the Yxy color 60.9441, 0.3677, 0.3271.

# 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

60.9441, 0.3677, 0.3271

### Protanopia

61.0109, 0.3209, 0.3348

### Deuteranopia

61.0079, 0.3470, 0.3402



## Tritanopia

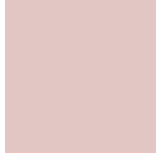
61.0177, 0.3586, 0.3146

# Trichromacy



## Original Color

60.9441, 0.3677, 0.3271



## Protanomaly

60.5424, 0.3367, 0.3313



## Deuteranomaly

60.7830, 0.3545, 0.3346



## Tritanomaly

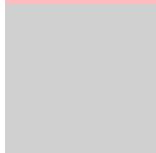
60.8319, 0.3620, 0.3188

# Monochromacy



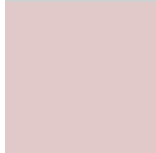
## Original Color

60.9441, 0.3677, 0.3271



## 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 60.9441, 0.3677, 0.3271 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 190) }
```

## Border

The CSS property to change the border of an element to Yxy 60.9441, 0.3677, 0.3271 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, 190) }
```

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

```
.border{ border-color:rgb(255, 188, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
190) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.9441, 0.3677, 0.3271 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
188, 190) }
```

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