

# Converting Colors

$Yxy(71.6344, 0.4068, 0.3317)$

Have a look what the booklet for  
Yxy(71.6344, 0.4068, 0.3317)  
contains.

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# Color

**Yxy(61.6748, 0.3697, 0.3323)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBEBB
RGB	255, 190, 187
RGB Percent	100%, 75%, 73%
CMY	0.0001, 0.2548, 0.2666
CMYK	0.00, 0.25, 0.27, 0.00
HSL	3°, 100%, 87%
HSV	3°, 27%, 100%
XYZ	68.6162, 61.6748, 55.3087
YIQ	209.0930, 39.7030, 12.8470

# Conversions

## Conversions Part 2

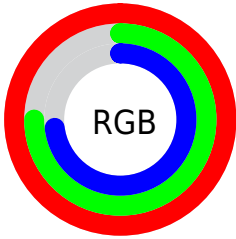
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 190, 187
Decimal	16760507
CIE Lab	82.74, 22.93, 10.66
CIE LCh	83, 25.292, 24.936
Yxy	61.6748, 0.3697, 0.3323
Android (android.graphics.Color)	4294950587 (0xFFFFBEBB)
YUV	209.0930, -10.8918, 40.2604
Hunter-Lab	78.5333, 18.5260, 13.2171

# Details

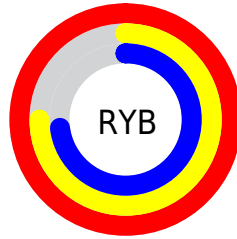
The Yxy color **61.6748, 0.3697, 0.3323** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.3849, 0.2733, 0.3257**, and the grayscale version is **63.8788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2526, 0.3203, 0.3329**, and **31.1999, 0.3844, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **50.9906, 0.4009, 0.3336**, and if you desaturate by 10%, it is **74.3236, 0.3444, 0.3310**.

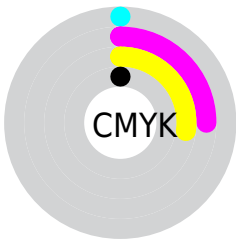
# Distribution



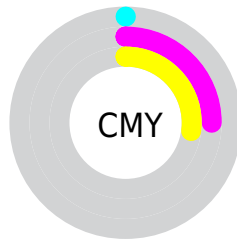
- Red (100%)
- Green (75%)
- Blue (73%)



- Red (100%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (25%)
- Yellow (27%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6748, 0.3697, 0.3323 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 61.6748, 0.3697, 0.3323 by changing the saturation by 10% instead.



 61.6748, 0.3697,  
0.3323

 61.6748, 0.3697,  
0.3323

430.7439, 0.3423,  
0.3313

 44.7700, 0.3762,  
0.3324

 107.2554, 0.3600,  
0.3321

 31.2763, 0.3844,  
0.3324


136.6999, 0.3563,  
0.3319

 20.8093, 0.3950,  
0.3323


171.0932, 0.3531,  
0.3318

 12.9847, 0.4092,  
0.3319

210.8196, 0.3503,  
0.3317

 7.4180, 0.4292,  
0.3309

256.2634, 0.3479,  
0.3316

 3.7249, 0.4593,  
0.3285


307.8092, 0.3458,

 1.5209, 0.5101,


0.3315


0.3224

365.8412, 0.3440,  
0.3314


 0.3034, 0.7366,  
0.2634


 0.0000, 0.0000,  
0.0000


 61.6748, 0.3697,  
0.3323


 61.6748, 0.3697,  
0.3323

 50.9906, 0.4009,  
0.3336

 74.3236, 0.3444,  
0.3310

 42.1645, 0.4387,  
0.3348

 89.0195, 0.3240,  
0.3298

 35.0929, 0.4824,  
0.3357

99.9945, 0.3127,  
0.3290

 29.6586, 0.5296,  
0.3360

■ 25.7304, 0.5752,  
0.3355

■ 23.1565, 0.6118,  
0.3341

■ 21.7536, 0.6336,  
0.3320

■ 21.5001, 0.6379,  
0.3317

# Harmonies

## Analogous

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



61.6748, 0.3463, 0.3066



61.6748, 0.3697, 0.3323



61.6748, 0.3769, 0.3585

# Triad

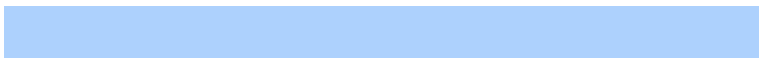
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.6748, 0.3697, 0.3323



61.6748, 0.3087, 0.3771



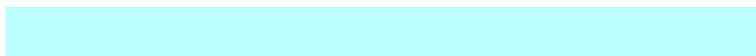
61.6748, 0.2611, 0.2791

# Complementary

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



61.6748, 0.3697, 0.3323



87.3849, 0.2733, 0.3257

# 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.



61.6748, 0.2524, 0.2947



61.6748, 0.3697, 0.3323



61.6748, 0.2789, 0.3524

# Square

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



61.6748, 0.3697, 0.3323



61.6748, 0.3406, 0.3867



61.6748, 0.2587, 0.3214



61.6748, 0.2832, 0.2767



# Rectangle

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



61.6748, 0.3697, 0.3323



61.6748, 0.3714, 0.3732



61.6748, 0.2587, 0.3214



61.6748, 0.2566, 0.2829

# Sweetspot

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



61.6777, 0.3697, 0.3323



86.9395, 0.3265, 0.3299



63.8742, 0.3175, 0.2645



18.1157, 0.3293, 0.3301



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.



61.6777, 0.3697, 0.3323



55.7397, 0.3856, 0.3330



77.7562, 0.3609, 0.3661



18.1157, 0.3293, 0.3301



11.2923, 0.6370, 0.3324



1.1428, 0.6298, 0.3381



# Inverse Universe

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



87.3849, 0.2733, 0.3257



85.3900, 0.2663, 0.3249



68.3056, 0.2698, 0.2888



20.3356, 0.2980, 0.3279



37.5555, 0.2209, 0.3151

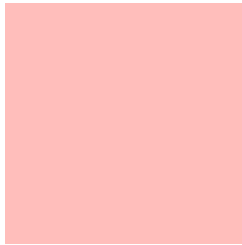


3.6976, 0.2213, 0.3168



# Previews

## White Background



This preview shows how the Yxy color 61.6748, 0.3697, 0.3323 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

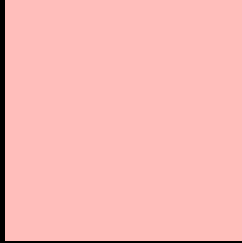
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.6748, 0.3697, 0.3323 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

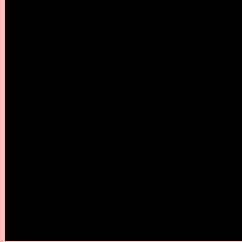
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.6748, 0.3697, 0.3323**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.6748, 0.3697, 0.3323.



This preview shows how white text looks on a background with the Yxy color 61.6748, 0.3697, 0.3323.

# 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

61.6748, 0.3697, 0.3323

### Protanopia

61.7489, 0.3261, 0.3406

### Deuteranopia

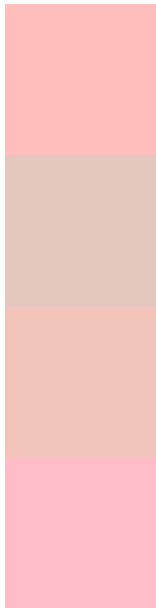
61.8421, 0.3517, 0.3446



## Tritanopia

61.4907, 0.3576, 0.3146

# Trichromacy



**Original Color**

61.6748, 0.3697, 0.3323

**Protanomaly**

61.6083, 0.3411, 0.3380

**Deuteranomaly**

61.9023, 0.3582, 0.3400

**Tritanomaly**

61.6864, 0.3616, 0.3208

# Monochromacy



**Original Color**

61.6748, 0.3697, 0.3323

**Achromatopsia**

63.7597, 0.3127, 0.3290

**Achromatomaly**

62.6269, 0.3323, 0.3302

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.6748, 0.3697, 0.3323 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, 190, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 187)  
}
```

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, 190, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 187) }
```

## Border

The CSS property to change the border of an element to Yxy 61.6748, 0.3697, 0.3323 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, 190, 187) }
```

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

```
.border{ border-color:rgb(255, 190, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 190, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 190, 187); box-shadow:4px 4px 4px 4px rgb(255, 190, 187) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.6748, 0.3697, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 187) }
```

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

```
.background{ background-color: rgb(255,  
190, 187) }
```

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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