

# Converting Colors

$Yxy(57.4090, 0.3742, 0.3292)$

Have a look what the booklet for  
Yxy(57.4090, 0.3742, 0.3292)  
contains.

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# Color

**Yxy(57.5287, 0.3737, 0.3292)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCB6B6
RGB	252, 182, 182
RGB Percent	99%, 71%, 71%
CMY	0.0119, 0.2862, 0.2863
CMYK	0.00, 0.28, 0.28, 0.01
HSL	0°, 92%, 85%
HSV	0°, 28%, 99%
XYZ	65.3052, 57.5287, 51.9191
YIQ	202.9300, 41.7200, 14.8400

# Conversions

## Conversions Part 2

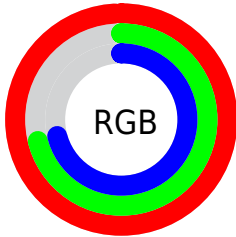
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	252, 182, 182
Decimal	16561846
CIE Lab	80.48, 25.36, 10.09
CIE LCh	80, 27.292, 21.693
Yxy	57.5287, 0.3737, 0.3292
Android (android.graphics.Color)	4294751926 (0xFFFCB6B6)
YUV	202.9300, -10.3185, 43.0344
Hunter-Lab	75.8477, 20.9559, 12.5083

# Details

The Yxy color **57.5287, 0.3737, 0.3292** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.5520, 0.2722, 0.3289**, and the grayscale version is **59.7220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5821, 0.3241, 0.3290**, and **28.7548, 0.3900, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **47.1743, 0.4065, 0.3293**, and if you desaturate by 10%, it is **69.9314, 0.3472, 0.3291**.

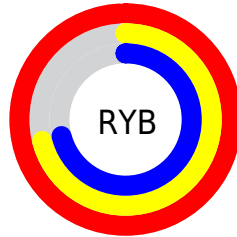
# Distribution



Red (99%)

Green (71%)

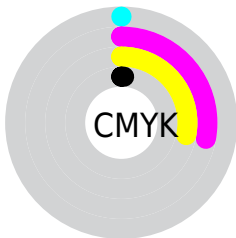
Blue (71%)



Red (99%)

Yellow (71%)

Blue (71%)

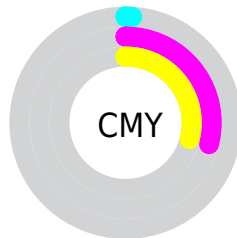


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (1%)



Cyan (1%)

Magenta (29%)


Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5287, 0.3737, 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 57.5287, 0.3737, 0.3292 by changing the saturation by 10% instead.




 57.5287, 0.3737,  
0.3292

 57.5287, 0.3737,  
0.3292


415.4275, 0.3440,  
0.3297

 41.4299, 0.3809,  
0.3289


 101.2362, 0.3631,  
0.3295

 28.6551, 0.3899,  
0.3284


129.6137, 0.3591,  
0.3296

 18.8201, 0.4017,  
0.3277


162.8528, 0.3556,  
0.3297

 11.5403, 0.4176,  
0.3264

201.3381, 0.3527,  
0.3297

 6.4315, 0.4404,  
0.3240

245.4537, 0.3501,  
0.3297

 3.1092, 0.4751,  
0.3192

295.5843, 0.3478,

 1.1890, 0.5416,

0.3297

0.3121

352.1140, 0.3458,  
0.3297

0.0527, 0.9270,  
0.0730

0.0000, 0.0000,  
0.0000

57.5287, 0.3737,  
0.3292

57.5287, 0.3737,  
0.3292

47.1743, 0.4065,  
0.3293

69.9314, 0.3472,  
0.3291

38.7506, 0.4461,  
0.3294

84.4756, 0.3261,  
0.3290

32.1404, 0.4917,  
0.3296

99.4277, 0.3108,  
0.3290

27.2107, 0.5403,  
0.3297

■ 23.8101, 0.5855,  
0.3298

■ 21.7604, 0.6196,  
0.3299

■ 20.8240, 0.6374,  
0.3300

■ 20.6894, 0.6401,  
0.3300

# Harmonies

## Analogous

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



57.5287, 0.3462, 0.3016



57.5287, 0.3737, 0.3292



57.5287, 0.3838, 0.3583

# Triad

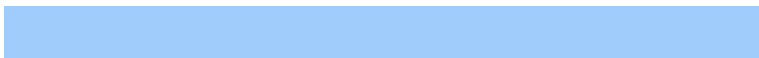
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.5287, 0.3737, 0.3292



57.5287, 0.3119, 0.3846



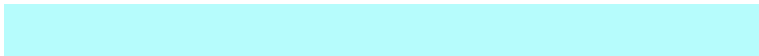
57.5287, 0.2542, 0.2752

# Complementary

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



57.5287, 0.3737, 0.3292



86.5520, 0.2722, 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.



57.5287, 0.2464, 0.2937



57.5287, 0.3737, 0.3292



57.5287, 0.2785, 0.3584

# Square

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



57.5287, 0.3737, 0.3292



57.5287, 0.3468, 0.3928



57.5287, 0.2550, 0.3240



57.5287, 0.2769, 0.2712



# Rectangle

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



57.5287, 0.3737, 0.3292



57.5287, 0.3791, 0.3751



57.5287, 0.2550, 0.3240



57.5287, 0.2498, 0.2798

# Sweetspot

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



57.5314, 0.3737, 0.3292



86.4266, 0.3266, 0.3290



61.1705, 0.3160, 0.2597



17.9880, 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.



57.5314, 0.3737, 0.3292



53.2737, 0.3901, 0.3293



73.6810, 0.3639, 0.3653



17.2261, 0.3294, 0.3291



10.7818, 0.6401, 0.3300

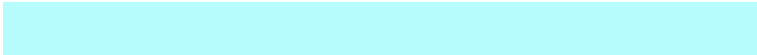


0.9989, 0.6400, 0.3300



# Inverse Universe

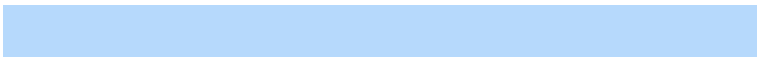
The Inverse Universe completely reimagines the original color for something new.



86.5520, 0.2722, 0.3289



87.3642, 0.2656, 0.3288



66.5869, 0.2682, 0.2896



19.6076, 0.2980, 0.3290



39.9019, 0.2246, 0.3286



3.6959, 0.2246, 0.3287



# Previews

## White Background



This preview shows how the Yxy color 57.5287, 0.3737, 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 57.5287, 0.3737, 0.3292 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

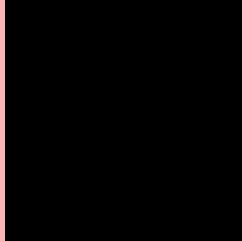
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 57.5287, 0.3737, 0.3292**

## **Background**



This preview shows how black text looks on a background with the Yxy color 57.5287, 0.3737, 0.3292.

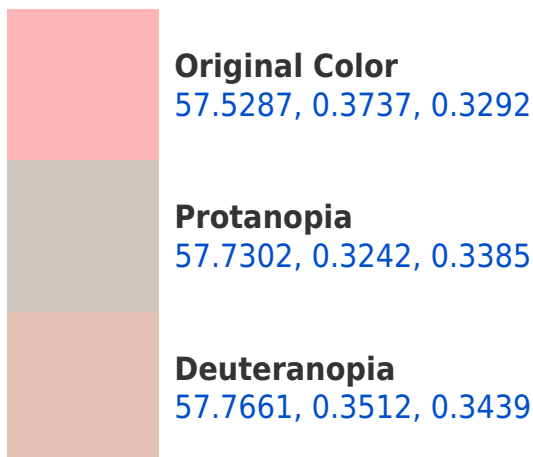


This preview shows how white text looks on a background with the Yxy color 57.5287, 0.3737, 0.3292.

# 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

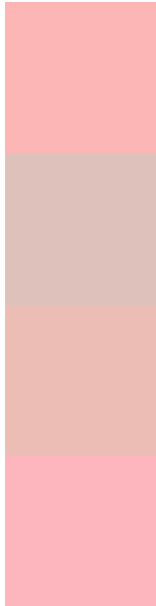




## Tritanopia

57.4202, 0.3645, 0.3145

# Trichromacy



## Original Color

57.5287, 0.3737, 0.3292

## Protanomaly

57.4587, 0.3413, 0.3348

## Deuteranomaly

57.5643, 0.3590, 0.3380

## Tritanomaly

57.6481, 0.3678, 0.3197

# Monochromacy



## Original Color

57.5287, 0.3737, 0.3292

## Achromatopsia

59.7202, 0.3127, 0.3290

## Achromatomaly

58.3425, 0.3338, 0.3291

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 57.5287, 0.3737, 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(252, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(252, 182, 182)  
}
```

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, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 182, 182) }
```

## Border

The CSS property to change the border of an element to Yxy 57.5287, 0.3737, 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(252, 182, 182) }
```

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

```
.border{ border-color:rgb(252, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(252, 182,  
182) }
```



# Background

The CSS property to change the background color of an element to Yxy 57.5287, 0.3737, 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(252, 182, 182) }
```

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

```
.background{ background-color: rgb(252,  
182, 182) }
```

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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