

# Converting Colors

$Y_{xy}(57.9727, 0.3764, 0.3362)$

Have a look what the booklet for  
Yxy(57.9727, 0.3764, 0.3362)  
contains.

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# Color

**Yxy(57.9645, 0.3767, 0.3366)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBB8B1
RGB	251, 184, 177
RGB Percent	98%, 72%, 69%
CMY	0.0156, 0.2785, 0.3058
CMYK	0.00, 0.27, 0.29, 0.02
HSL	6°, 90%, 84%
HSV	6°, 29%, 98%
XYZ	64.8700, 57.9645, 49.3714
YIQ	203.2350, 42.1790, 12.0270

# Conversions

## Conversions Part 2

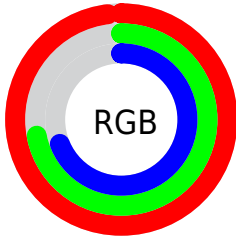
Format	Color
R <sub>Y</sub> B	251, 185, 177
Decimal	16496817
CIE Lab	80.72, 23.33, 13.11
CIE LCh	81, 26.759, 29.326
Yxy	57.9645, 0.3767, 0.3366
Android (android.graphics.Color)	4294686897 (0xFFFB8B1)
YUV	203.2350, -12.9339, 41.8899
Hunter-Lab	76.1344, 18.8548, 14.8459

# Details

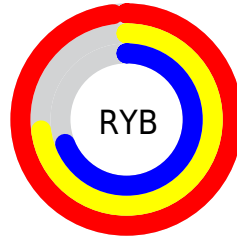
The Yxy color **57.9645, 0.3767, 0.3366** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.0528, 0.2692, 0.3212**, and the grayscale version is **59.9422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4634, 0.3271, 0.3359**, and **29.0253, 0.3939, 0.3388** is the 20% darker color. If you saturate the color by 10%, you get **48.3575, 0.4086, 0.3393**, and if you desaturate by 10%, it is **69.2792, 0.3505, 0.3339**.

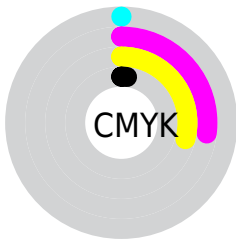
# Distribution



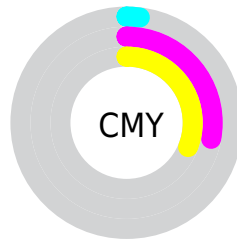
- Red (98%)
- Green (72%)
- Blue (69%)



- Red (98%)
- Yellow (73%)
- Blue (69%)



- Cyan (0%)
- Magenta (27%)
- Yellow (29%)
- Black (2%)




- Cyan (2%)
- Magenta (28%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9645, 0.3767, 0.3366 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 57.9645, 0.3767, 0.3366 by changing the saturation by 10% instead.





 57.9645, 0.3767,  
0.3366

 57.9645, 0.3767,  
0.3366


417.0536, 0.3456,  
0.3337

 41.7801, 0.3842,  
0.3371


 101.8712, 0.3656,  
0.3357

 28.9292, 0.3937,  
0.3376


130.3622, 0.3614,  
0.3354

 19.0272, 0.4060,  
0.3380


163.7243, 0.3577,  
0.3350

 11.6900, 0.4226,  
0.3382

202.3418, 0.3546,  
0.3347

 6.5329, 0.4462,  
0.3379

246.5991, 0.3519,  
0.3344

 3.1718, 0.4820,  
0.3357

296.8805, 0.3495,

 1.2221, 0.5583,

0.3342

353.5706, 0.3474,  
0.3339

0.3378

0.0796, 0.8902,  
0.1098

0.0000, 0.0000,  
0.0000

57.9645, 0.3767,  
0.3366

57.9645, 0.3767,  
0.3366

48.3575, 0.4086,  
0.3393

69.2792, 0.3505,  
0.3339

40.3677, 0.4466,  
0.3416

82.3705, 0.3292,  
0.3313

33.9083, 0.4899,  
0.3432

97.3131, 0.3119,  
0.3289

28.8812, 0.5357,  
0.3435

99.2555, 0.3103,  
0.3290

■ 25.1770, 0.5790,  
0.3421

■ 22.6702, 0.6131,  
0.3388

■ 21.2061, 0.6336,  
0.3347

■ 21.1546, 0.6343,  
0.3345

# Harmonies

## Analogous

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



57.9645, 0.3535, 0.3086



57.9645, 0.3767, 0.3366



57.9645, 0.3815, 0.3644

# Triad

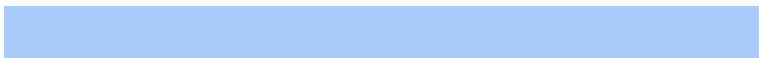
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.9645, 0.3767, 0.3366



57.9645, 0.3031, 0.3782



57.9645, 0.2598, 0.2740

# Complementary

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



57.9645, 0.3767, 0.3366



81.0528, 0.2692, 0.3212

# 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.



57.9645, 0.2482, 0.2886



57.9645, 0.3767, 0.3366



57.9645, 0.2722, 0.3495

# Square

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



57.9645, 0.3767, 0.3366



57.9645, 0.3378, 0.3912



57.9645, 0.2526, 0.3159



57.9645, 0.2853, 0.2735



# Rectangle

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



57.9645, 0.3767, 0.3366



57.9645, 0.3737, 0.3794



57.9645, 0.2526, 0.3159



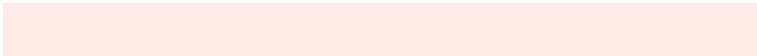
57.9645, 0.2543, 0.2773

# Sweetspot

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



57.9672, 0.3767, 0.3366



86.0558, 0.3283, 0.3312



58.5501, 0.3209, 0.2610



17.9686, 0.3311, 0.3315



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.



57.9672, 0.3767, 0.3366



54.3380, 0.3937, 0.3381



74.9779, 0.3659, 0.3738



17.4881, 0.3292, 0.3313



11.2061, 0.6328, 0.3357



1.1236, 0.6181, 0.3474



# Inverse Universe

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



81.0528, 0.2692, 0.3212



81.5709, 0.2619, 0.3196



61.3577, 0.2646, 0.2795



19.3124, 0.2980, 0.3267



32.7562, 0.2164, 0.2991

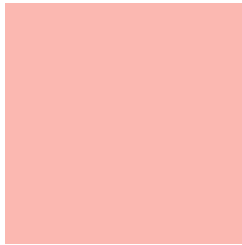


3.1128, 0.2175, 0.3030



# Previews

## White Background



This preview shows how the Yxy color 57.9645, 0.3767, 0.3366 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

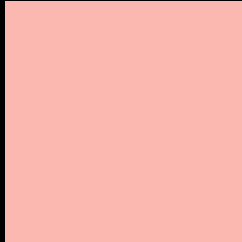
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 57.9645, 0.3767, 0.3366 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

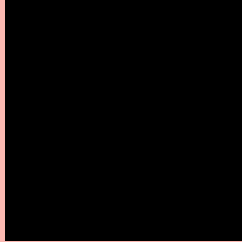
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 57.9645, 0.3767, 0.3366**

## Background



This preview shows how black text looks on a background with the Yxy color 57.9645, 0.3767, 0.3366.



This preview shows how white text looks on a background with the Yxy color 57.9645, 0.3767, 0.3366.

# 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

57.9645, 0.3767, 0.3366

### Protanopia

58.2212, 0.3302, 0.3468

### Deuteranopia

57.8931, 0.3569, 0.3495



## Tritanopia

57.8705, 0.3634, 0.3145

# Trichromacy



**Original Color**

57.9645, 0.3767, 0.3366

**Protanomaly**

57.8083, 0.3468, 0.3428

**Deuteranomaly**

57.9660, 0.3637, 0.3447

**Tritanomaly**

57.7822, 0.3685, 0.3228

# Monochromacy



**Original Color**

57.9645, 0.3767, 0.3366

**Achromatopsia**

59.7202, 0.3127, 0.3290

**Achromatomaly**

58.5905, 0.3336, 0.3314

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 57.9645, 0.3767, 0.3366 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(251, 184, 177)` looks like.

```
.text, #text, p{  
    color:rgb(251, 184, 177)  
}
```

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(251, 184, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 184, 177) }
```

## Border

The CSS property to change the border of an element to Yxy 57.9645, 0.3767, 0.3366 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(251, 184, 177) }
```

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

```
.border{ border-color:rgb(251, 184, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 184, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 184, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 184, 177);  
box-shadow:4px 4px 4px 4px rgb(251, 184,  
177) }
```



# Background

The CSS property to change the background color of an element to Yxy 57.9645, 0.3767, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 184, 177) }
```

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

```
.background{ background-color: rgb(251,  
184, 177) }
```

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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