

# Converting Colors

$Yxy(64.0657, 0.3586, 0.3438)$

Have a look what the booklet for  
Yxy(64.0657, 0.3586, 0.3438)  
contains.

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# Color

**Yxy(64.0868, 0.3589, 0.3442)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4C8BA
RGB	244, 200, 186
RGB Percent	96%, 78%, 73%
CMY	0.0431, 0.2157, 0.2707
CMYK	0.00, 0.18, 0.24, 0.04
HSL	15°, 73%, 84%
HSV	15°, 24%, 96%
XYZ	66.8238, 64.0868, 55.2800
YIQ	211.5600, 30.7180, 4.9740

# Conversions

## Conversions Part 2

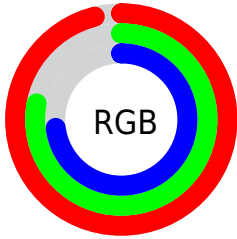
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 204, 186
Decimal	16042170
CIE <sub>Lab</sub>	84.01, 13.52, 12.88
CIE <sub>LCh</sub>	84, 18.672, 43.623
Yxy	64.0868, 0.3589, 0.3442
Android (android.graphics.Color)	4294232250 (0xFFFF4C8BA)
YUV	211.5600, -12.6011, 28.4499
Hunter-Lab	80.0542, 8.9047, 15.0963

# Details

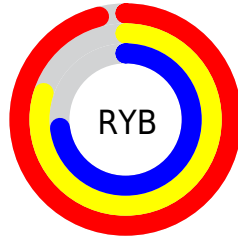
The Yxy color **64.0868, 0.3589, 0.3442** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.5388, 0.2763, 0.3132**, and the grayscale version is **65.6015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **32.8160, 0.3704, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **55.0832, 0.3850, 0.3510**, and if you desaturate by 10%, it is **74.3099, 0.3370, 0.3376**.

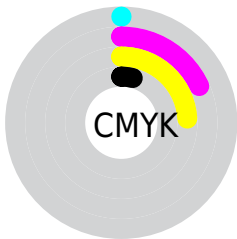
# Distribution



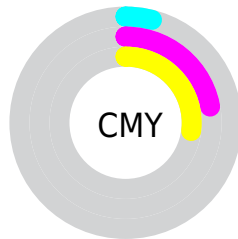
- Red (96%)
- Green (78%)
- Blue (73%)



- Red (96%)
- Yellow (80%)
- Blue (73%)



- Cyan (0%)
- Magenta (18%)
- Yellow (24%)
- Black (4%)




- Cyan (4%)
- Magenta (22%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0868, 0.3589, 0.3442 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 64.0868, 0.3589, 0.3442 by changing the saturation by 10% instead.





 64.0868, 0.3589,  
0.3442

 64.0868, 0.3589,  
0.3442

439.5030, 0.3368,  
0.3374

 46.7210, 0.3641,  
0.3457


 110.7359, 0.3511,  
0.3419

 32.8151, 0.3706,  
0.3475


140.7880, 0.3481,  
0.3410

 21.9849, 0.3790,  
0.3496


175.8377, 0.3456,  
0.3402

 13.8458, 0.3902,  
0.3524

216.2693, 0.3434,  
0.3395

 8.0135, 0.4058,  
0.3558

262.4672, 0.3414,  
0.3389

 4.1036, 0.4291,  
0.3600

314.8159, 0.3397,

 1.7317, 0.4681,

0.3383

0.3655

373.6997, 0.3382,  
0.3379

0.4440, 0.6287,  
0.3713

0.0000, 0.0000,  
0.0000

64.0868, 0.3589,  
0.3442

64.0868, 0.3589,  
0.3442

55.0832, 0.3850,  
0.3510

74.3099, 0.3370,  
0.3376

47.2446, 0.4158,  
0.3576

85.7871, 0.3188,  
0.3313

40.5250, 0.4511,  
0.3632

97.9744, 0.3060,  
0.3290

34.8721, 0.4900,  
0.3670

■ 30.2293, 0.5300,  
0.3679

■ 26.5341, 0.5675,  
0.3649

■ 23.7165, 0.5977,  
0.3578

■ 22.3668, 0.6121,  
0.3522

# Harmonies

## Analogous

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



64.0868, 0.3489, 0.3243



64.0868, 0.3589, 0.3442



64.0868, 0.3560, 0.3611

# Triad

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



64.0868, 0.3589, 0.3442



64.0868, 0.2958, 0.3535



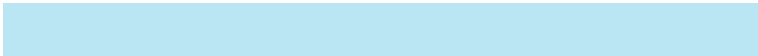
64.0868, 0.2840, 0.2899

# Complementary

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



64.0868, 0.3589, 0.3442



73.5388, 0.2763, 0.3132

# 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.



64.0868, 0.2710, 0.2958



64.0868, 0.3589, 0.3442



64.0868, 0.2776, 0.3323

# Square

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



64.0868, 0.3589, 0.3442



64.0868, 0.3190, 0.3676



64.0868, 0.2687, 0.3110



64.0868, 0.3050, 0.2938



# Rectangle

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



64.0868, 0.3589, 0.3442



64.0868, 0.3472, 0.3683



64.0868, 0.2687, 0.3110



64.0868, 0.2786, 0.2907

# Sweetspot

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



64.0897, 0.3589, 0.3442



90.5719, 0.3243, 0.3332



60.0752, 0.3258, 0.2828



19.2192, 0.3254, 0.3336



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.



64.0897, 0.3589, 0.3442



65.4193, 0.3721, 0.3478



78.5560, 0.3521, 0.3735



17.1336, 0.3288, 0.3348



12.3380, 0.6095, 0.3543



1.2384, 0.5855, 0.3733

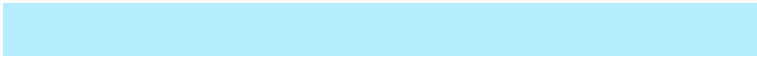


# Inverse Universe

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



73.5388, 0.2763, 0.3132



77.6796, 0.2685, 0.3093



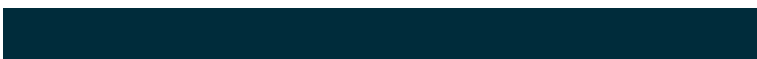
58.9453, 0.2735, 0.2801



18.0386, 0.2980, 0.3231



22.6328, 0.2024, 0.2487

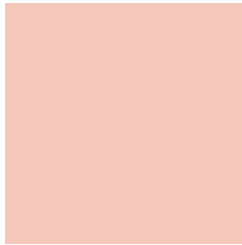


2.1478, 0.2056, 0.2600



# Previews

## White Background



This preview shows how the Yxy color 64.0868, 0.3589, 0.3442 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

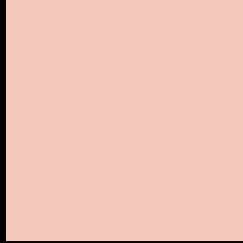
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 64.0868, 0.3589, 0.3442 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

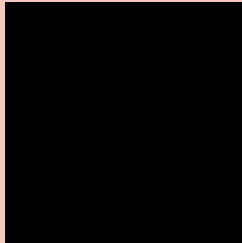
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 64.0868, 0.3589, 0.3442**

## **Background**



This preview shows how black text looks on a background with the Yxy color 64.0868, 0.3589, 0.3442.



This preview shows how white text looks on a background with the Yxy color 64.0868, 0.3589, 0.3442.

# 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

64.0868, 0.3589, 0.3442

### Protanopia

64.2679, 0.3324, 0.3495

### Deuteranopia

64.1370, 0.3543, 0.3465



## Tritanopia

63.9572, 0.3423, 0.3134

# Trichromacy



**Original Color**

64.0868, 0.3589, 0.3442

**Protanomaly**

64.1476, 0.3415, 0.3481

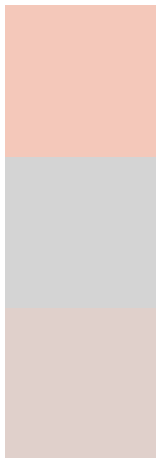
**Deuteranomaly**

64.0192, 0.3562, 0.3453

**Tritanomaly**

63.7896, 0.3484, 0.3238

# Monochromacy



**Original Color**

64.0868, 0.3589, 0.3442

**Achromatopsia**

65.8375, 0.3127, 0.3290

**Achromatomaly**

65.2708, 0.3285, 0.3346

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 64.0868, 0.3589, 0.3442 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(244, 200, 186)` looks like.

```
.text, #text, p{  
    color:rgb(244, 200, 186)  
}
```

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(244, 200, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 200, 186) }
```

## Border

The CSS property to change the border of an element to Yxy 64.0868, 0.3589, 0.3442 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(244, 200, 186) }
```

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

```
.border{ border-color:rgb(244, 200, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 200, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 200, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 200, 186);  
box-shadow:4px 4px 4px 4px rgb(244, 200,  
186) }
```



# Background

The CSS property to change the background color of an element to Yxy 64.0868, 0.3589, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 200, 186) }
```

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

```
.background{ background-color: rgb(244,  
200, 186) }
```

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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