

# Converting Colors

Yxy(66.7568, 0.3686, 0.3599)

Have a look what the booklet for  
Yxy(66.7568, 0.3686, 0.3599)  
contains.

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# Color

**Yxy(66.7537, 0.3686, 0.3599)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F8CDB0
RGB	248, 205, 176
RGB Percent	97%, 80%, 69%
CMY	0.0276, 0.1960, 0.3098
CMYK	0.00, 0.17, 0.29, 0.03
HSL	24°, 84%, 83%
HSV	24°, 29%, 97%
XYZ	68.3674, 66.7537, 50.3574
YIQ	214.5510, 34.9370, 0.0970

# Conversions

## Conversions Part 2

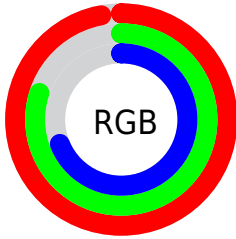
Format	Color
R <sub>Y</sub> B	248, 225, 176
Decimal	16305584
CIE Lab	85.38, 11.02, 20.13
CIE LCh	85, 22.942, 61.307
Yxy	66.7537, 0.3686, 0.3599
Android (android.graphics.Color)	4294495664 (0xFFF8CDB0)
YUV	214.5510, -19.0056, 29.3348
Hunter-Lab	81.7029, 6.3850, 20.6488

# Details

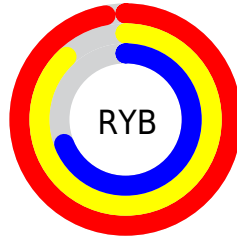
The Yxy color **66.7537, 0.3686, 0.3599** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.6347, 0.2671, 0.2958**, and the grayscale version is **67.7484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **34.6396, 0.3832, 0.3674** is the 20% darker color. If you saturate the color by 10%, you get **59.1153, 0.3939, 0.3710**, and if you desaturate by 10%, it is **75.2469, 0.3466, 0.3488**.

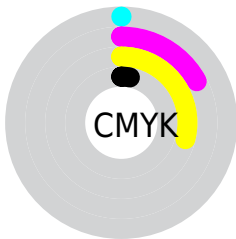
# Distribution



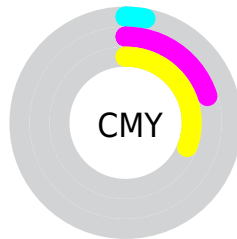
- Red (97%)
- Green (80%)
- Blue (69%)



- Red (97%)
- Yellow (88%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (3%)




- Cyan (3%)
- Magenta (20%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7537, 0.3686, 0.3599 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 66.7537, 0.3686, 0.3599 by changing the saturation by 10% instead.




 66.7537, 0.3686,  
0.3599

 66.7537, 0.3686,  
0.3599

449.0676, 0.3422,  
0.3460

 48.8845, 0.3748,  
0.3630


 114.5674, 0.3593,  
0.3551

 34.5279, 0.3824,  
0.3667

145.2807, 0.3558,  
0.3533

 23.2994, 0.3921,  
0.3713


181.0442, 0.3527,  
0.3516

 14.8147, 0.4050,  
0.3770

222.2422, 0.3500,  
0.3502

 8.6895, 0.4225,  
0.3843

269.2591, 0.3477,  
0.3490

 4.5392, 0.4478,  
0.3936

322.4794, 0.3456,

 1.9795, 0.4951,

0.3479

0.4119

382.2874, 0.3438,  
0.3469

0.5955, 0.5837,  
0.4163

0.0000, 0.0000,  
0.0000

66.7537, 0.3686,  
0.3599

66.7537, 0.3686,  
0.3599

59.1153, 0.3939,  
0.3710

75.2469, 0.3466,  
0.3488

52.2942, 0.4223,  
0.3814

84.6125, 0.3275,  
0.3381

46.2635, 0.4533,  
0.3901

94.8789, 0.3112,  
0.3280

40.9910, 0.4857,  
0.3960

98.6881, 0.3084,  
0.3290

■ 36.4420, 0.5175,  
0.3976

■ 32.5777, 0.5462,  
0.3939

■ 29.3502, 0.5696,  
0.3852

■ 29.0634, 0.5718,  
0.3842

# Harmonies

## Analogous

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



66.7537, 0.3657, 0.3373



66.7537, 0.3686, 0.3599



66.7537, 0.3559, 0.3758

# Triad

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



66.7537, 0.3686, 0.3599



66.7537, 0.2781, 0.3440



66.7537, 0.2921, 0.2834

# Complementary

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



66.7537, 0.3686, 0.3599



66.6347, 0.2671, 0.2958

# 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.



66.7537, 0.2702, 0.2833



66.7537, 0.3686, 0.3599



66.7537, 0.2625, 0.3169

# Square

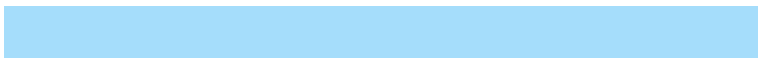
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.7537, 0.3686, 0.3599



66.7537, 0.3033, 0.3675



66.7537, 0.2597, 0.2950



66.7537, 0.3204, 0.2945



# Rectangle

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



66.7537, 0.3686, 0.3599



66.7537, 0.3407, 0.3797



66.7537, 0.2597, 0.2950



66.7537, 0.2838, 0.2821

# Sweetspot

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



66.7568, 0.3686, 0.3599



90.1811, 0.3275, 0.3381



56.1244, 0.3392, 0.2840



18.9785, 0.3301, 0.3396



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.



66.7568, 0.3686, 0.3599



66.1261, 0.3835, 0.3666



85.8511, 0.3586, 0.3951



18.3743, 0.3284, 0.3386



15.9640, 0.5690, 0.3864

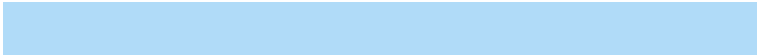


1.6802, 0.5472, 0.4037

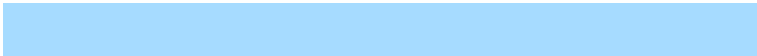


# Inverse Universe

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



66.6347, 0.2671, 0.2958



65.9650, 0.2576, 0.2877



49.9547, 0.2624, 0.2530



18.3655, 0.2980, 0.3192



15.3809, 0.1864, 0.1910

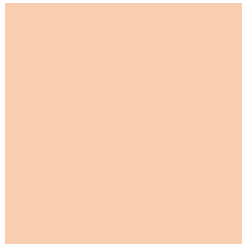


1.6323, 0.1914, 0.2091



# Previews

## White Background



This preview shows how the Yxy color 66.7537, 0.3686, 0.3599 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 66.7537, 0.3686, 0.3599 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

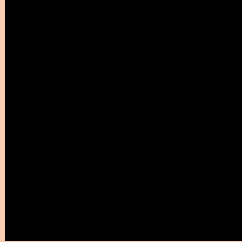
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 66.7537, 0.3686, 0.3599**

## **Background**



This preview shows how black text looks on a background with the Yxy color 66.7537, 0.3686, 0.3599.



This preview shows how white text looks on a background with the Yxy color 66.7537, 0.3686, 0.3599.

# 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

66.7537, 0.3686, 0.3599

### Protanopia

66.8913, 0.3452, 0.3660

### Deuteranopia

66.5714, 0.3678, 0.3600



## Tritanopia

66.4486, 0.3427, 0.3126

# Trichromacy



**Original Color**

66.7537, 0.3686, 0.3599

**Protanomaly**

66.6715, 0.3529, 0.3632

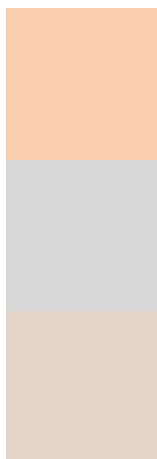
**Deuteranomaly**

66.5714, 0.3678, 0.3600

**Tritanomaly**

66.4996, 0.3524, 0.3291

# Monochromacy



**Original Color**

66.7537, 0.3686, 0.3599

**Achromatopsia**

67.9542, 0.3127, 0.3290

**Achromatomaly**

67.1365, 0.3319, 0.3401

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 66.7537, 0.3686, 0.3599 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(248, 205, 176)` looks like.

```
.text, #text, p{  
    color:rgb(248, 205, 176)  
}
```

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(248, 205, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 205, 176) }
```

## Border

The CSS property to change the border of an element to Yxy 66.7537, 0.3686, 0.3599 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(248, 205, 176) }
```

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

```
.border{ border-color:rgb(248, 205, 176) }
```

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

Here you see how a box with a 4 pixel rgb(248, 205, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 205, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 205, 176);  
box-shadow:4px 4px 4px 4px rgb(248, 205,  
176) }
```



# Background

The CSS property to change the background color of an element to Yxy 66.7537, 0.3686, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 205, 176) }
```

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

```
.background{ background-color: rgb(248,  
205, 176) }
```

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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