

# Converting Colors

Yxy(65.0671, 0.3708, 0.3448)

Have a look what the booklet for  
Yxy(65.0671, 0.3708, 0.3448)  
contains.

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# Color

**Yxy(65.0671, 0.3708, 0.3448)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">FFC6B7</a>
RGB	<a href="#">255, 198, 183</a>
RGB Percent	<a href="#">100%, 78%, 72%</a>
CMY	<a href="#">0.0001, 0.2235, 0.2824</a>
CMYK	<a href="#">0.00, 0.22, 0.28, 0.00</a>
HSL	<a href="#">13°, 100%, 86%</a>
HSV	<a href="#">13°, 28%, 100%</a>
XYZ	<a href="#">69.9736, 65.0671, 53.6690</a>
YIQ	<a href="#">213.3330, 38.7870, 7.4190</a>

# Conversions

## Conversions Part 2

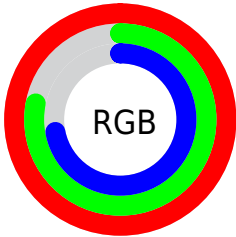
Format	Color
R <sub>Y</sub> B	255, 202, 183
Decimal	16762551
CIE Lab	84.52, 18.21, 15.32
CIE LCh	85, 23.797, 40.080
Yxy	65.0671, 0.3708, 0.3448
Android (android.graphics.Color)	4294952631 (0xFFFFC6B7)
YUV	213.3330, -14.9542, 36.5420
Hunter-Lab	80.6642, 13.6806, 17.0170

# Details

The Yxy color **65.0671, 0.3708, 0.3448** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.5776, 0.2699, 0.3125**, and the grayscale version is **66.8574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **33.4285, 0.3854, 0.3479** is the 20% darker color. If you saturate the color by 10%, you get **55.4842, 0.3997, 0.3507**, and if you desaturate by 10%, it is **76.0771, 0.3466, 0.3389**.

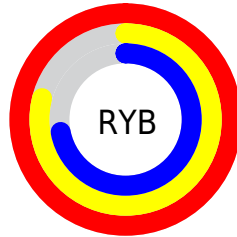
# Distribution



Red (100%)

Green (78%)

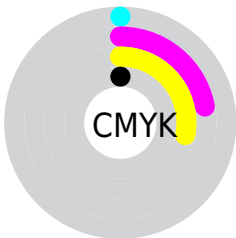
Blue (72%)



Red (100%)

Yellow (79%)

Blue (72%)

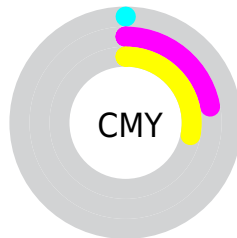


Cyan (0%)

Magenta (22%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (22%)


Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0671, 0.3708, 0.3448 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 65.0671, 0.3708, 0.3448 by changing the saturation by 10% instead.





 65.0671, 0.3708,  
0.3448

 65.0671, 0.3708,  
0.3448


443.0331, 0.3431,  
0.3380

 47.5155, 0.3773,  
0.3462


 112.1463, 0.3610,  
0.3426

 33.4434, 0.3854,  
0.3479

142.4427, 0.3573,  
0.3416

 22.4663, 0.3959,  
0.3498


177.7562, 0.3541,  
0.3409

 14.1999, 0.4098,  
0.3521

218.4711, 0.3513,  
0.3401

 8.2599, 0.4290,  
0.3548

264.9718, 0.3489,  
0.3395

 4.2617, 0.4574,  
0.3574

317.6428, 0.3467,

 1.8210, 0.5053,

0.3390

0.3603

376.8684, 0.3448,  
0.3385

0.5002, 0.6484,  
0.3516

0.0000, 0.0000,  
0.0000

65.0671, 0.3708,  
0.3448

65.0671, 0.3708,  
0.3448

55.4842, 0.3997,  
0.3507

76.0771, 0.3466,  
0.3389

47.2606, 0.4337,  
0.3560

88.5602, 0.3266,  
0.3333

40.3367, 0.4722,  
0.3602

99.9948, 0.3127,  
0.3290

34.6446, 0.5135,  
0.3622

■ 30.1102, 0.5543,  
0.3611

■ 26.6508, 0.5897,  
0.3562

■ 24.1697, 0.6152,  
0.3482

■ 23.8202, 0.6189,  
0.3468

# Harmonies

## Analogous

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



65.0671, 0.3562, 0.3200



65.0671, 0.3708, 0.3448



65.0671, 0.3689, 0.3671

# Triad

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



65.0671, 0.3708, 0.3448



65.0671, 0.2944, 0.3631



65.0671, 0.2739, 0.2800

# Complementary

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



65.0671, 0.3708, 0.3448



79.5776, 0.2699, 0.3125

# 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.



65.0671, 0.2592, 0.2886



65.0671, 0.3708, 0.3448



65.0671, 0.2705, 0.3363

# Square

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



65.0671, 0.3708, 0.3448



65.0671, 0.3240, 0.3797



65.0671, 0.2579, 0.3087



65.0671, 0.2993, 0.2837



# Rectangle

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



65.0671, 0.3708, 0.3448



65.0671, 0.3587, 0.3775



65.0671, 0.2579, 0.3087



65.0671, 0.2676, 0.2815

# Sweetspot

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



65.0701, 0.3708, 0.3448



88.8845, 0.3262, 0.3332



61.4467, 0.3269, 0.2716



18.6011, 0.3289, 0.3340



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.



65.0701, 0.3708, 0.3448



59.3820, 0.3869, 0.3482



83.1671, 0.3610, 0.3800



18.6011, 0.3289, 0.3340



12.6204, 0.6164, 0.3488

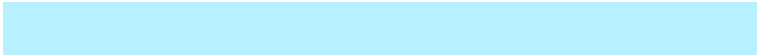


1.3773, 0.5956, 0.3653

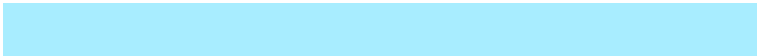


# Inverse Universe

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



79.5776, 0.2699, 0.3125



76.0923, 0.2617, 0.3087



60.7522, 0.2657, 0.2721



19.7999, 0.2980, 0.3239



26.0150, 0.2056, 0.2603



2.6869, 0.2081, 0.2690



# Previews

## White Background



This preview shows how the Yxy color 65.0671, 0.3708, 0.3448 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

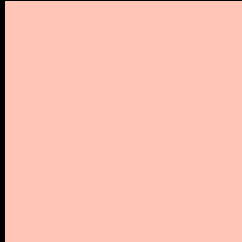
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 65.0671, 0.3708, 0.3448 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

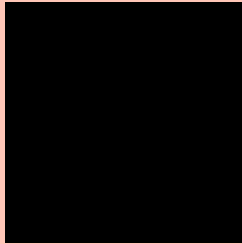
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 65.0671, 0.3708, 0.3448**

## Background



This preview shows how black text looks on a background with the Yxy color 65.0671, 0.3708, 0.3448.



This preview shows how white text looks on a background with the Yxy color 65.0671, 0.3708, 0.3448.

# 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

65.0671, 0.3708, 0.3448

### Protanopia

65.4783, 0.3351, 0.3540

### Deuteranopia

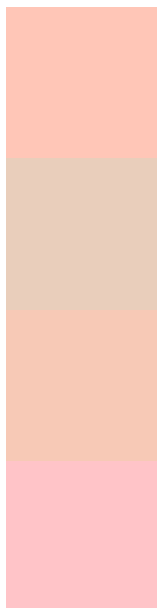
64.9665, 0.3596, 0.3518



## Tritanopia

64.8937, 0.3505, 0.3147

# Trichromacy



## Original Color

65.0671, 0.3708, 0.3448

## Protanomaly

65.0541, 0.3478, 0.3500

## Deuteranomaly

64.9248, 0.3642, 0.3494

## Tritanomaly

64.9100, 0.3575, 0.3250

# Monochromacy



## Original Color

65.0671, 0.3708, 0.3448

## Achromatopsia

66.5387, 0.3127, 0.3290

## Achromatomaly

65.8700, 0.3323, 0.3357

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 65.0671, 0.3708, 0.3448 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, 198, 183)` looks like.

```
.text, #text, p{  
  color:rgb(255, 198, 183)  
}
```

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, 198, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 183) }
```

## Border

The CSS property to change the border of an element to Yxy 65.0671, 0.3708, 0.3448 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, 198, 183) }
```

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

```
.border{ border-color:rgb(255, 198, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
183) }
```



# Background

The CSS property to change the background color of an element to Yxy 65.0671, 0.3708, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 183) }
```

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

```
.background{ background-color: rgb(255,  
198, 183) }
```

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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