

# Converting Colors

Yxy(107.4380, 0.4636, 0.3347)

Have a look what the booklet for  
Yxy(107.4380, 0.4636, 0.3347)  
contains.

<b>Yxy(67.9120, 0.3599, 0.3374)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(67.9120, 0.3599, 0.3374)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCBC3
RGB	255, 203, 195
RGB Percent	100%, 80%, 76%
CMY	0.0001, 0.2039, 0.2352
CMYK	0.00, 0.20, 0.24, 0.00
HSL	8°, 100%, 88%
HSV	8°, 24%, 100%
XYZ	72.4408, 67.9120, 60.9276
YIQ	217.6360, 33.5600, 8.5360

# Conversions

## Conversions Part 2

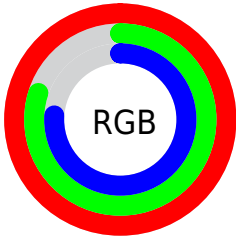
Format	Color
R <sub>Y</sub> B	255, 204, 195
Decimal	16763843
CIE Lab	85.96, 17.23, 10.99
CIE LCh	86, 20.434, 32.529
Yxy	67.9120, 0.3599, 0.3374
Android (android.graphics.Color)	4294953923 (0xFFFFCBC3)
YUV	217.6360, -11.1595, 32.7682
Hunter-Lab	82.4087, 12.6939, 13.8510

# Details

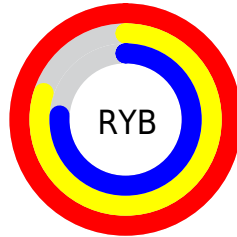
The Yxy color **67.9120, 0.3599, 0.3374** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.3292, 0.2772, 0.3204**, and the grayscale version is **69.9096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **35.2883, 0.3715, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **57.1544, 0.3877, 0.3412**, and if you desaturate by 10%, it is **80.3601, 0.3371, 0.3337**.

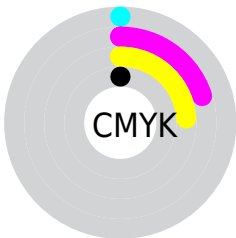
# Distribution



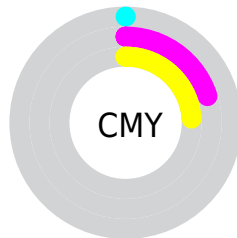
- Red (100%)
- Green (80%)
- Blue (76%)



- Red (100%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9120, 0.3599, 0.3374 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 67.9120, 0.3599, 0.3374 by changing the saturation by 10% instead.



 67.9120, 0.3599,  
0.3374

 67.9120, 0.3599,  
0.3374

453.1842, 0.3376,  
0.3339

 49.8261, 0.3651,  
0.3381


116.2262, 0.3521,  
0.3363

 35.2753, 0.3716,  
0.3389


147.2234, 0.3490,  
0.3358

 23.8750, 0.3799,  
0.3399


183.2932, 0.3465,  
0.3354

 15.2409, 0.3909,  
0.3410

224.8199, 0.3442,  
0.3350

 8.9886, 0.4062,  
0.3422

272.1879, 0.3422,  
0.3347

 4.7338, 0.4287,  
0.3433

325.7817, 0.3405,

 2.0919, 0.4648,

0.3344

0.3434

385.9857, 0.3390,  
0.3341

0.6601, 0.6174,  
0.3826

0.0000, 0.0000,  
0.0000

67.9120, 0.3599,  
0.3374

67.9120, 0.3599,  
0.3374

57.1544, 0.3877,  
0.3412

80.3601, 0.3371,  
0.3337

48.0054, 0.4212,  
0.3448

94.5574, 0.3184,  
0.3302

40.3900, 0.4602,  
0.3479

99.9955, 0.3127,  
0.3290

34.2241, 0.5036,  
0.3496

■ 29.4148, 0.5480,  
0.3494

■ 25.8586, 0.5880,  
0.3466

■ 23.4368, 0.6177,  
0.3415

■ 22.4007, 0.6303,  
0.3377

# Harmonies

## Analogous

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



67.9120, 0.3445, 0.3163



67.9120, 0.3599, 0.3374



67.9120, 0.3620, 0.3573

# Triad

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



67.9120, 0.3599, 0.3374



67.9120, 0.3034, 0.3622



67.9120, 0.2756, 0.2882

# Complementary

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



67.9120, 0.3599, 0.3374



85.3292, 0.2772, 0.3204

# 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.



67.9120, 0.2657, 0.2983



67.9120, 0.3599, 0.3374



67.9120, 0.2813, 0.3413

# Square

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



67.9120, 0.3599, 0.3374



67.9120, 0.3287, 0.3731



67.9120, 0.2677, 0.3176



67.9120, 0.2954, 0.2886



# Rectangle

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



67.9120, 0.3599, 0.3374



67.9120, 0.3556, 0.3674



67.9120, 0.2677, 0.3176



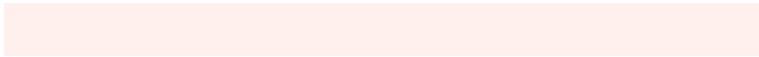
67.9120, 0.2710, 0.2904

# Sweetspot

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



67.9151, 0.3599, 0.3374



89.4280, 0.3245, 0.3314



67.0063, 0.3212, 0.2776



18.9550, 0.3256, 0.3316



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.



67.9151, 0.3599, 0.3374



62.8999, 0.3717, 0.3391



83.4686, 0.3531, 0.3674



18.3776, 0.3291, 0.3322



11.8264, 0.6284, 0.3392

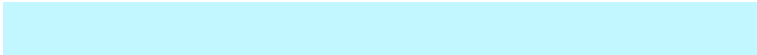


1.2663, 0.6109, 0.3531



# Inverse Universe

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



85.3292, 0.2772, 0.3204



82.9526, 0.2708, 0.3186



68.4483, 0.2745, 0.2874



20.0436, 0.2980, 0.3257



30.9478, 0.2128, 0.2861



3.1229, 0.2143, 0.2915



# Previews

## White Background



This preview shows how the Yxy color 67.9120, 0.3599, 0.3374 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

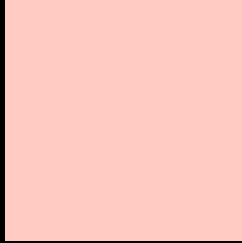
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 67.9120, 0.3599, 0.3374 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 67.9120, 0.3599, 0.3374**

## Background



This preview shows how black text looks on a background with the Yxy color 67.9120, 0.3599, 0.3374.

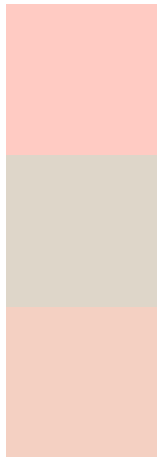


This preview shows how white text looks on a background with the Yxy color 67.9120, 0.3599, 0.3374.

# 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

67.9120, 0.3599, 0.3374

### Protanopia

67.8398, 0.3277, 0.3435

### Deuteranopia

68.2399, 0.3508, 0.3440



## Tritanopia

67.9396, 0.3447, 0.3148

# Trichromacy



**Original Color**

67.9120, 0.3599, 0.3374

**Protanomaly**

67.7091, 0.3389, 0.3410

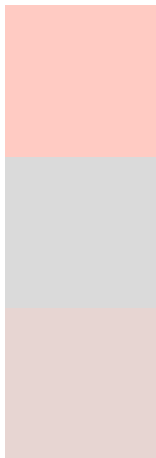
**Deuteranomaly**

67.9941, 0.3544, 0.3417

**Tritanomaly**

68.0551, 0.3500, 0.3230

# Monochromacy



**Original Color**

67.9120, 0.3599, 0.3374

**Achromatopsia**

70.1102, 0.3127, 0.3290

**Achromatomaly**

69.2306, 0.3282, 0.3323

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 67.9120, 0.3599, 0.3374 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, 203, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 195)  
}
```

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, 203, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 195) }
```

## Border

The CSS property to change the border of an element to Yxy 67.9120, 0.3599, 0.3374 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, 203, 195) }
```

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

```
.border{ border-color:rgb(255, 203, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
195) }
```



# Background

The CSS property to change the background color of an element to Yxy 67.9120, 0.3599, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 195) }
```

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

```
.background{ background-color: rgb(255,  
203, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor