

# Converting Colors

Yxy(67.2322, 0.3511, 0.3349)

Have a look what the booklet for  
Yxy(67.2322, 0.3511, 0.3349)  
contains.

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# Color

**Yxy(67.2657, 0.3510, 0.3344)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8CCC7
RGB	248, 204, 199
RGB Percent	97%, 80%, 78%
CMY	0.0275, 0.1999, 0.2197
CMYK	0.00, 0.18, 0.20, 0.03
HSL	6°, 78%, 88%
HSV	6°, 20%, 97%
XYZ	70.6048, 67.2657, 63.2829
YIQ	216.5860, 27.8290, 7.7730

# Conversions

## Conversions Part 2

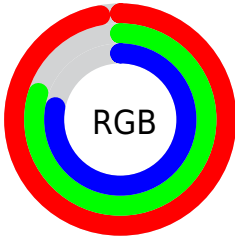
Format	Color
R <sub>Y</sub> B	248, 205, 199
Decimal	16305351
CIE Lab	85.64, 14.74, 8.33
CIE LCh	86, 16.928, 29.485
Yxy	67.2657, 0.3510, 0.3344
Android (android.graphics.Color)	4294495431 (0xFFFF8CCC7)
YUV	216.5860, -8.6699, 27.5501
Hunter-Lab	82.0157, 10.1379, 11.6631

# Details

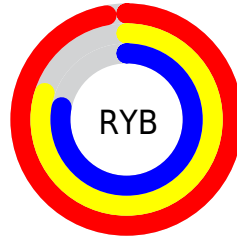
The Yxy color **67.2657, 0.3510, 0.3344** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.9811, 0.2827, 0.3235**, and the grayscale version is **69.1359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9334, 0.3606, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **56.3764, 0.3772, 0.3374**, and if you desaturate by 10%, it is **79.8596, 0.3297, 0.3316**.

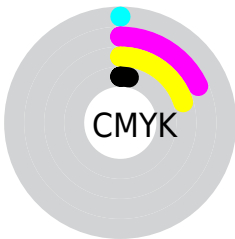
# Distribution



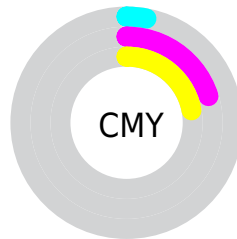
- Red (97%)
- Green (80%)
- Blue (78%)



- Red (97%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (18%)
- Yellow (20%)
- Black (3%)



- Cyan (3%)
- Magenta (20%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2657, 0.3510, 0.3344 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 67.2657, 0.3510, 0.3344 by changing the saturation by 10% instead.




 67.2657, 0.3510,  
0.3344

 67.2657, 0.3510,  
0.3344


450.8899, 0.3329,  
0.3321

 49.3006, 0.3552,  
0.3349


115.3010, 0.3446,  
0.3337

 34.8580, 0.3605,  
0.3354


146.1401, 0.3422,  
0.3334

 23.5535, 0.3673,  
0.3360


182.0392, 0.3401,  
0.3331

 15.0027, 0.3763,  
0.3367

223.3828, 0.3383,  
0.3329

 8.8213, 0.3888,  
0.3375

270.5553, 0.3367,  
0.3327

 4.6248, 0.4074,  
0.3383

323.9410, 0.3353,

 2.0289, 0.4375,

0.3325

0.3384

383.9245, 0.3340,  
0.3323

0.6242, 0.5705,  
0.3717

0.0000, 0.0000,  
0.0000

67.2657, 0.3510,  
0.3344

67.2657, 0.3510,  
0.3344

56.3764, 0.3772,  
0.3374

79.8596, 0.3297,  
0.3316

47.1098, 0.4091,  
0.3402

94.2172, 0.3123,  
0.3289

39.3907, 0.4470,  
0.3428

98.6922, 0.3084,  
0.3290

33.1347, 0.4900,  
0.3445

■ 28.2490, 0.5355,  
0.3449

■ 24.6303, 0.5785,  
0.3433

■ 22.1606, 0.6125,  
0.3398

■ 20.6934, 0.6331,  
0.3353

■ 20.6685, 0.6335,  
0.3352

# Harmonies

## Analogous

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



67.2657, 0.3374, 0.3168



67.2657, 0.3510, 0.3344



67.2657, 0.3539, 0.3513

# Triad

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



67.2657, 0.3510, 0.3344



67.2657, 0.3072, 0.3578



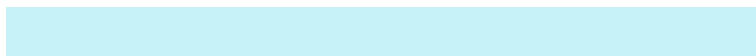
67.2657, 0.2805, 0.2954

# Complementary

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



67.2657, 0.3510, 0.3344



82.9811, 0.2827, 0.3235

# 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.



67.2657, 0.2731, 0.3049



67.2657, 0.3510, 0.3344



67.2657, 0.2882, 0.3412

# Square

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



67.2657, 0.3510, 0.3344



67.2657, 0.3282, 0.3658



67.2657, 0.2759, 0.3216



67.2657, 0.2964, 0.2947



# Rectangle

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



67.2657, 0.3510, 0.3344



67.2657, 0.3495, 0.3600



67.2657, 0.2759, 0.3216



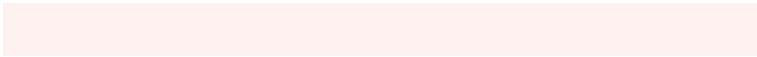
67.2657, 0.2769, 0.2976

# Sweetspot

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



67.2688, 0.3510, 0.3344



90.6056, 0.3227, 0.3306



67.2661, 0.3185, 0.2845



19.1834, 0.3239, 0.3307



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.



67.2688, 0.3510, 0.3344



66.4965, 0.3616, 0.3357



79.7701, 0.3462, 0.3593



17.5121, 0.3292, 0.3315



11.2597, 0.6320, 0.3364



1.1350, 0.6163, 0.3489



# Inverse Universe

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



82.9811, 0.2827, 0.3235



86.2349, 0.2766, 0.3222



69.3593, 0.2811, 0.2967



19.2857, 0.2980, 0.3265



32.1505, 0.2157, 0.2963

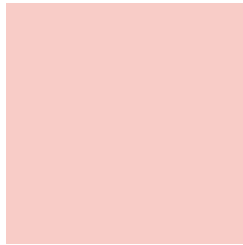


3.0629, 0.2168, 0.3006



# Previews

## White Background



This preview shows how the Yxy color 67.2657, 0.3510, 0.3344 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

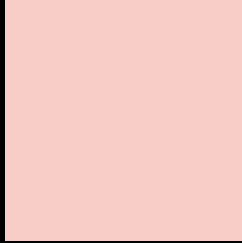
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 67.2657, 0.3510, 0.3344 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

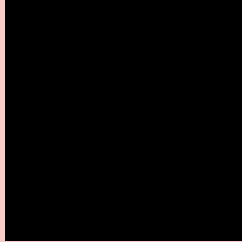
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 67.2657, 0.3510, 0.3344**

## Background



This preview shows how black text looks on a background with the Yxy color 67.2657, 0.3510, 0.3344.

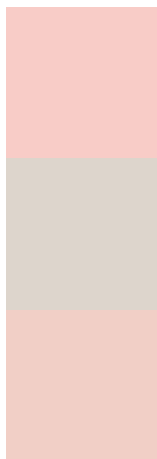


This preview shows how white text looks on a background with the Yxy color 67.2657, 0.3510, 0.3344.

# 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

67.2657, 0.3510, 0.3344

### Protanopia

67.3203, 0.3249, 0.3391

### Deuteranopia

67.4036, 0.3456, 0.3387



## Tritanopia

67.1070, 0.3392, 0.3126

# Trichromacy



**Original Color**

67.2657, 0.3510, 0.3344

**Protanomaly**

67.3464, 0.3344, 0.3378

**Deuteranomaly**

67.4529, 0.3482, 0.3376

**Tritanomaly**

67.0339, 0.3437, 0.3208

# Monochromacy



**Original Color**

67.2657, 0.3510, 0.3344

**Achromatopsia**

69.3872, 0.3127, 0.3290

**Achromatomaly**

68.2341, 0.3261, 0.3312

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 67.2657, 0.3510, 0.3344 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, 204, 199)` looks like.

```
.text, #text, p{  
    color:rgb(248, 204, 199)  
}
```

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, 204, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 204, 199) }
```

## Border

The CSS property to change the border of an element to Yxy 67.2657, 0.3510, 0.3344 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, 204, 199) }
```

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

```
.border{ border-color:rgb(248, 204, 199) }
```

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

Here you see how a box with a 4 pixel rgb(248, 204, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 204, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 204, 199);  
box-shadow:4px 4px 4px 4px rgb(248, 204,  
199) }
```



# Background

The CSS property to change the background color of an element to Yxy 67.2657, 0.3510, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 204, 199) }
```

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

```
.background{ background-color: rgb(248,  
204, 199) }
```

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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