

# Converting Colors

Yxy(65.8403, 0.3415, 0.3280)

Have a look what the booklet for  
Yxy(65.8403, 0.3415, 0.3280)  
contains.

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# Color

**Yxy(65.7723, 0.3418, 0.3280)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1CBCC
RGB	241, 203, 204
RGB Percent	95%, 80%, 80%
CMY	0.0548, 0.2039, 0.2000
CMYK	0.00, 0.16, 0.15, 0.05
HSL	358°, 58%, 87%
HSV	358°, 16%, 95%
XYZ	68.5395, 65.7723, 66.2135
YIQ	214.4760, 22.3270, 8.3670

# Conversions

## Conversions Part 2

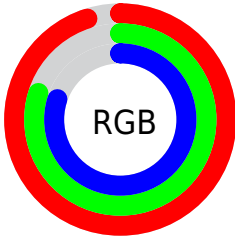
Format	Color
R <sub>Y</sub> B	241, 203, 204
Decimal	15846348
CIE <sub>Lab</sub>	84.88, 13.54, 4.49
CIE <sub>LCh</sub>	85, 14.267, 18.333
Yxy	65.7723, 0.3418, 0.3280
Android (android.graphics.Color)	4294036428 (0xFFFF1CBCC)
YUV	214.4760, -5.1647, 23.2615
Hunter-Lab	81.1001, 8.9292, 8.3633

# Details

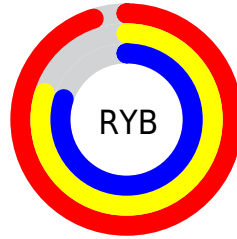
The Yxy color **65.7723, 0.3418, 0.3280** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.9184, 0.2894, 0.3300**, and the grayscale version is **67.6107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0112, 0.3494, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **54.2203, 0.3663, 0.3273**, and if you desaturate by 10%, it is **79.2695, 0.3222, 0.3286**.

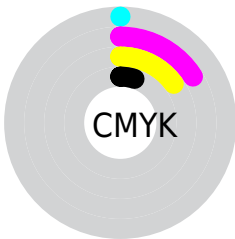
# Distribution



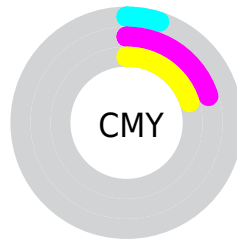
- Red (95%)
- Green (80%)
- Blue (80%)



- Red (95%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7723, 0.3418, 0.3280 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 65.7723, 0.3418, 0.3280 by changing the saturation by 10% instead.



 65.7723, 0.3418,  
0.3280

 65.7723, 0.3418,  
0.3280


445.5621, 0.3280,  
0.3286

 48.0876, 0.3450,  
0.3278


113.1595, 0.3370,  
0.3282

 33.8963, 0.3491,  
0.3276


143.6307, 0.3351,  
0.3283

 22.8139, 0.3543,  
0.3272


179.1329, 0.3335,  
0.3284

 14.4562, 0.3612,  
0.3268

220.0504, 0.3321,  
0.3285

 8.4386, 0.3708,  
0.3260

266.7677, 0.3309,  
0.3285

 4.3769, 0.3853,  
0.3246

319.6692, 0.3298,

 1.8865, 0.4091,

0.3285

379.1392, 0.3289,  
0.3286

0.3218

0.5403, 0.5088,  
0.3257

0.0000, 0.0000,  
0.0000

65.7723, 0.3418,  
0.3280

65.7723, 0.3418,  
0.3280

54.2203, 0.3663,  
0.3273

79.2695, 0.3222,  
0.3286

44.5156, 0.3968,  
0.3267

94.7864, 0.3065,  
0.3292

36.5651, 0.4338,  
0.3261

97.4467, 0.3042,  
0.3290

30.2640, 0.4772,  
0.3258

■ 25.4967, 0.5245,  
0.3258

■ 22.1321, 0.5709,  
0.3263

■ 20.0179, 0.6091,  
0.3273

■ 18.9658, 0.6325,  
0.3287

■ 18.7208, 0.6381,  
0.3289

# Harmonies

## Analogous

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



65.7723, 0.3277, 0.3136



65.7723, 0.3418, 0.3280



65.7723, 0.3479, 0.3431

# Triad

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



65.7723, 0.3418, 0.3280



65.7723, 0.3148, 0.3568



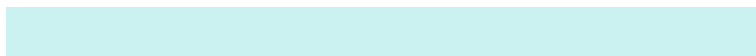
65.7723, 0.2819, 0.3026

# Complementary

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



65.7723, 0.3418, 0.3280



81.9184, 0.2894, 0.3300

# 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.



65.7723, 0.2788, 0.3134



65.7723, 0.3418, 0.3280



65.7723, 0.2974, 0.3451

# Square

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



65.7723, 0.3418, 0.3280



65.7723, 0.3320, 0.3603



65.7723, 0.2844, 0.3290



65.7723, 0.2931, 0.2991



# Rectangle

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



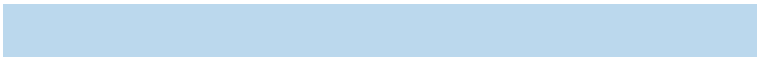
65.7723, 0.3418, 0.3280



65.7723, 0.3465, 0.3516



65.7723, 0.2844, 0.3290



65.7723, 0.2799, 0.3055

# Sweetspot

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



65.7753, 0.3418, 0.3280



91.3595, 0.3209, 0.3287



67.5457, 0.3136, 0.2898



19.3048, 0.3221, 0.3287



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.



65.7753, 0.3418, 0.3280



70.2142, 0.3492, 0.3278



74.5966, 0.3396, 0.3478



15.7657, 0.3289, 0.3284



10.1517, 0.6372, 0.3284



0.8469, 0.6298, 0.3243



# Inverse Universe

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



65.7753, 0.3418, 0.3280



70.2142, 0.3492, 0.3278



71.9742, 0.2880, 0.3095



15.7657, 0.3289, 0.3284



10.1517, 0.6372, 0.3284



0.8469, 0.6298, 0.3243



# Previews

## White Background



This preview shows how the Yxy color 65.7723, 0.3418, 0.3280 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

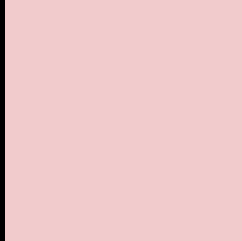
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 65.7723, 0.3418, 0.3280 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

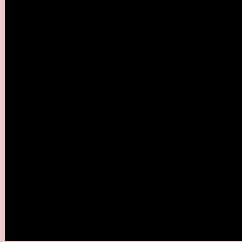
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 65.7723, 0.3418, 0.3280**

## Background



This preview shows how black text looks on a background with the Yxy color 65.7723, 0.3418, 0.3280.



This preview shows how white text looks on a background with the Yxy color 65.7723, 0.3418, 0.3280.

# 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

65.7723, 0.3418, 0.3280

### Protanopia

65.9437, 0.3186, 0.3313

### Deuteranopia

65.8551, 0.3375, 0.3302



## Tritanopia

65.8377, 0.3338, 0.3122

# Trichromacy



## Original Color

65.7723, 0.3418, 0.3280

## Protanomaly

65.7855, 0.3271, 0.3301

## Deuteranomaly

65.7225, 0.3392, 0.3291

## Tritanomaly

65.8718, 0.3366, 0.3185

# Monochromacy



## Original Color

65.7723, 0.3418, 0.3280

## Achromatopsia

67.2443, 0.3127, 0.3290

## Achromatomaly

66.5936, 0.3232, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 65.7723, 0.3418, 0.3280 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(241, 203, 204)` looks like.

```
.text, #text, p{  
    color:rgb(241, 203, 204)  
}
```

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(241, 203, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 203, 204) }
```

## Border

The CSS property to change the border of an element to Yxy 65.7723, 0.3418, 0.3280 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(241, 203, 204) }
```

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

```
.border{ border-color:rgb(241, 203, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 203, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 203, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 203, 204);  
box-shadow:4px 4px 4px 4px rgb(241, 203,  
204) }
```



# Background

The CSS property to change the background color of an element to Yxy 65.7723, 0.3418, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 203, 204) }
```

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

```
.background{ background-color: rgb(241,  
203, 204) }
```

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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