

# Converting Colors

$Yxy(65.9113, 0.3429, 0.3226)$

Have a look what the booklet for  
Yxy(65.9113, 0.3429, 0.3226)  
contains.

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# Color

**Yxy(65.6908, 0.3430, 0.3228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5C9CF
RGB	245, 201, 207
RGB Percent	96%, 79%, 81%
CMY	0.0392, 0.2117, 0.1884
CMYK	0.00, 0.18, 0.16, 0.04
HSL	352°, 69%, 87%
HSV	352°, 18%, 96%
XYZ	69.8016, 65.6908, 68.0107
YIQ	214.8400, 24.2980, 11.1940

# Conversions

## Conversions Part 2

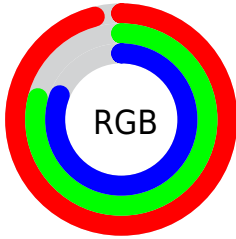
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 201, 207
Decimal	16107983
CIE Lab	84.84, 16.46, 2.90
CIE LCh	85, 16.711, 9.981
Yxy	65.6908, 0.3430, 0.3228
Android (android.graphics.Color)	4294298063 (0xFFFF5C9CF)
YUV	214.8400, -3.8651, 26.4503
Hunter-Lab	81.0499, 11.8901, 6.9833

# Details

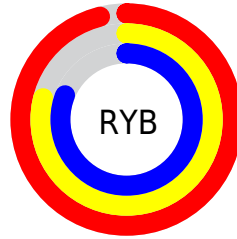
The Yxy color **65.6908, 0.3430, 0.3228** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.9575, 0.2889, 0.3353**, and the grayscale version is **67.8561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.8587, 0.3500, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **54.1995, 0.3658, 0.3191**, and if you desaturate by 10%, it is **79.1487, 0.3247, 0.3264**.

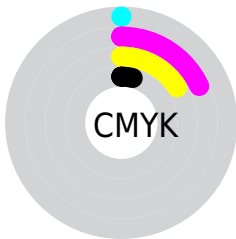
# Distribution



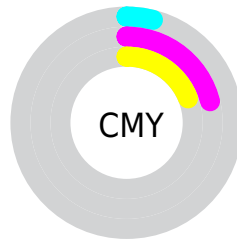
- Red (96%)
- Green (79%)
- Blue (81%)



- Red (96%)
- Yellow (79%)
- Blue (81%)



- Cyan (0%)
- Magenta (18%)
- Yellow (16%)
- Black (4%)




- Cyan (4%)
- Magenta (21%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 65.6908, 0.3430, 0.3228 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 65.6908, 0.3430, 0.3228 by changing the saturation by 10% instead.




 65.6908, 0.3430,  
0.3228

 65.6908, 0.3430,  
0.3228

445.2703, 0.3287,  
0.3258

 48.0214, 0.3464,  
0.3221

113.0424, 0.3380,  
0.3239

 33.8439, 0.3506,  
0.3211


143.4935, 0.3360,  
0.3243

 22.7737, 0.3559,  
0.3199


178.9739, 0.3344,  
0.3247

 14.4265, 0.3631,  
0.3183

219.8681, 0.3329,  
0.3250

 8.4179, 0.3731,  
0.3159

266.5604, 0.3317,  
0.3252

 4.3635, 0.3880,  
0.3122


319.4353, 0.3305,

 1.8789, 0.4126,

0.3255

0.3059


378.8771, 0.3295,  
0.3257

 0.5356, 0.4990,  
0.2928

 0.0000, 0.0000,  
0.0000

 65.6908, 0.3430,  
0.3228


 65.6908, 0.3430,  
0.3228


 54.1995, 0.3658,  
0.3191


 79.1487, 0.3247,  
0.3264

 44.5744, 0.3938,  
0.3155

 94.6500, 0.3100,  
0.3297

 36.7193, 0.4277,  
0.3122

 98.1523, 0.3066,  
0.3290

 30.5260, 0.4673,  
0.3099

■ 25.8747, 0.5109,  
0.3091

■ 22.6290, 0.5548,  
0.3106

■ 20.6289, 0.5933,  
0.3147

■ 19.6579, 0.6208,  
0.3207

■ 19.5231, 0.6252,  
0.3218

# Harmonies

## Analogous

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



65.6908, 0.3246, 0.3070



65.6908, 0.3430, 0.3228



65.6908, 0.3532, 0.3406

# Triad

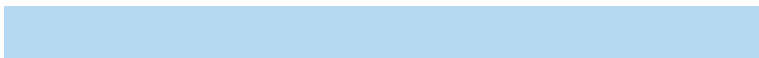
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.6908, 0.3430, 0.3228



65.6908, 0.3210, 0.3640



65.6908, 0.2747, 0.3008

# Complementary

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



65.6908, 0.3430, 0.3228



83.9575, 0.2889, 0.3353

# 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.



65.6908, 0.2739, 0.3152



65.6908, 0.3430, 0.3228



65.6908, 0.3001, 0.3526

# Square

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



65.6908, 0.3430, 0.3228



65.6908, 0.3401, 0.3650



65.6908, 0.2831, 0.3344



65.6908, 0.2854, 0.2943



# Rectangle

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



65.6908, 0.3430, 0.3228



65.6908, 0.3537, 0.3514



65.6908, 0.2831, 0.3344



65.6908, 0.2733, 0.3048

# Sweetspot

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



65.6938, 0.3430, 0.3228



91.4434, 0.3200, 0.3274



66.6171, 0.3099, 0.2837



19.3251, 0.3211, 0.3271



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.



65.6938, 0.3430, 0.3228



66.5413, 0.3517, 0.3213



72.9500, 0.3448, 0.3452



16.5191, 0.3272, 0.3258



10.5290, 0.6224, 0.3202



0.9366, 0.5939, 0.3045



# Inverse Universe

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



65.6938, 0.3430, 0.3228



66.5413, 0.3517, 0.3213



75.3842, 0.2848, 0.3122



16.5191, 0.3272, 0.3258



10.5290, 0.6224, 0.3202



0.9366, 0.5939, 0.3045



# Previews

## White Background



This preview shows how the Yxy color 65.6908, 0.3430, 0.3228 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

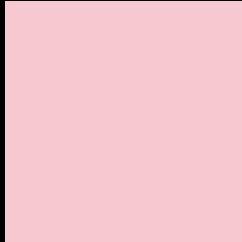
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 65.6908, 0.3430, 0.3228 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

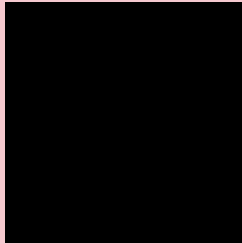
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 65.6908, 0.3430, 0.3228**

## **Background**



This preview shows how black text looks on a background with the Yxy color 65.6908, 0.3430, 0.3228.

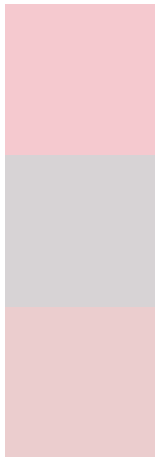


This preview shows how white text looks on a background with the Yxy color 65.6908, 0.3430, 0.3228.

# 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

65.6908, 0.3430, 0.3228

### Protanopia

65.8397, 0.3143, 0.3268

### Deuteranopia

65.7810, 0.3352, 0.3280



## Tritanopia

65.8077, 0.3378, 0.3134

# Trichromacy



## Original Color

65.6908, 0.3430, 0.3228

## Protanomaly

65.4975, 0.3243, 0.3246

## Deuteranomaly

65.9927, 0.3385, 0.3269

## Tritanomaly

65.6548, 0.3401, 0.3165

# Monochromacy



## Original Color

65.6908, 0.3430, 0.3228

## Achromatopsia

67.9542, 0.3127, 0.3290

## Achromatomaly

67.0154, 0.3233, 0.3268

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 65.6908, 0.3430, 0.3228 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(245, 201, 207)` looks like.

```
.text, #text, p{  
    color:rgb(245, 201, 207)  
}
```

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(245, 201, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 201, 207) }
```

## Border

The CSS property to change the border of an element to Yxy 65.6908, 0.3430, 0.3228 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(245, 201, 207) }
```

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

```
.border{ border-color:rgb(245, 201, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 201, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 201, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 201, 207);  
box-shadow:4px 4px 4px 4px rgb(245, 201,  
207) }
```



# Background

The CSS property to change the background color of an element to Yxy 65.6908, 0.3430, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 201, 207) }
```

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

```
.background{ background-color: rgb(245,  
201, 207) }
```

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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