

# Converting Colors

Yxy(65.4594, 0.3208, 0.2880)

Have a look what the booklet for  
Yxy(65.4594, 0.3208, 0.2880)  
contains.

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# Color

**Yxy(65.4594, 0.3208, 0.2880)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5C5ED
RGB	245, 197, 237
RGB Percent	96%, 77%, 93%
CMY	0.0391, 0.2275, 0.0706
CMYK	0.00, 0.20, 0.03, 0.04
HSL	310°, 71%, 87%
HSV	310°, 20%, 96%
XYZ	72.9145, 65.4594, 88.9157
YIQ	215.9120, 15.7680, 22.6160

# Conversions

## Conversions Part 2

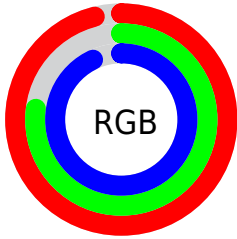
Format	Color
R <sub>Y</sub> B	245, 197, 237
Decimal	16106989
CIE Lab	84.72, 23.58, -13.29
CIE LCh	85, 27.063, 330.600
Yxy	65.4594, 0.3208, 0.2880
Android (android.graphics.Color)	4294297069 (0xFFF5C5ED)
YUV	215.9120, 10.3964, 25.5102
Hunter-Lab	80.9070, 19.2795, -8.5240

# Details

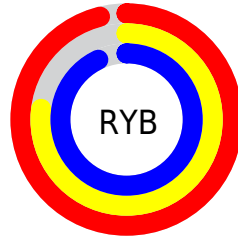
The Yxy color **65.4594, 0.3208, 0.2880** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.5970, 0.3056, 0.3738**, and the grayscale version is **68.5292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **33.6725, 0.3222, 0.2789** is the 20% darker color. If you saturate the color by 10%, you get **54.9885, 0.3258, 0.2666**, and if you desaturate by 10%, it is **77.7499, 0.3164, 0.3093**.

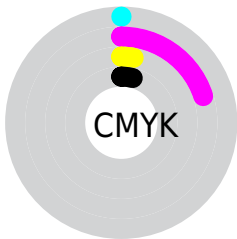
# Distribution



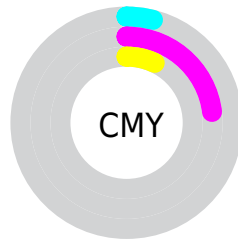
- Red (96%)
- Green (77%)
- Blue (93%)



- Red (96%)
- Yellow (77%)
- Blue (93%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (4%)




- Cyan (4%)
- Magenta (23%)
- Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4594, 0.3208, 0.2880 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 65.4594, 0.3208, 0.2880 by changing the saturation by 10% instead.



 65.4594, 0.3208,  
0.2880

 65.4594, 0.3208,  
0.2880


444.4410, 0.3173,  
0.3067

 47.8337, 0.3215,  
0.2838


112.7101, 0.3196,  
0.2944

 33.6952, 0.3224,  
0.2787


143.1038, 0.3192,  
0.2969

 22.6595, 0.3235,  
0.2722


178.5224, 0.3187,  
0.2991

 14.3423, 0.3249,  
0.2639

219.3501, 0.3184,  
0.3010

 8.3591, 0.3266,  
0.2527

265.9715, 0.3181,  
0.3027

 4.3256, 0.3288,  
0.2370


318.7708, 0.3178,


 1.8573, 0.3317,


0.3042


0.2135


378.1325, 0.3175,  
0.3055

 0.5225, 0.3399,  
0.1623


 0.0000, 0.0640,  
0.0000


 65.4594, 0.3208,  
0.2880


 65.4594, 0.3208,  
0.2880

 54.9885, 0.3258,  
0.2666


 77.7499, 0.3164,  
0.3093


 46.2412, 0.3313,  
0.2456

 91.9328, 0.3126,  
0.3298

 39.1260, 0.3373,  
0.2262

 97.7934, 0.3098,  
0.3346

 33.5393, 0.3437,  
0.2091

 98.0519, 0.3075,  
0.3306

■ 29.3657, 0.3502,  
0.1955

■ 98.1566, 0.3066,  
0.3290

■ 26.4732, 0.3567,  
0.1861

■ 24.7050, 0.3630,  
0.1813

■ 23.8110, 0.3689,  
0.1807

■ 23.7819, 0.3692,  
0.1807

# Harmonies

## Analogous

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



65.4594, 0.2874, 0.2753



65.4594, 0.3208, 0.2880



65.4594, 0.3536, 0.3103

# Triad

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



65.4594, 0.3208, 0.2880



65.4594, 0.3643, 0.3841



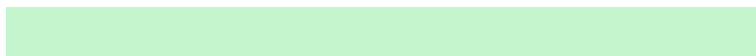
65.4594, 0.2537, 0.3150

# Complementary

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



65.4594, 0.3208, 0.2880



81.5970, 0.3056, 0.3738

# 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.



65.4594, 0.2723, 0.3475



65.4594, 0.3208, 0.2880



65.4594, 0.3358, 0.3892

# Square

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



65.4594, 0.3208, 0.2880



65.4594, 0.3793, 0.3645



65.4594, 0.3020, 0.3757



65.4594, 0.2502, 0.2889



# Rectangle

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



65.4594, 0.3208, 0.2880



65.4594, 0.3699, 0.3283



65.4594, 0.3020, 0.3757



65.4594, 0.2584, 0.3256

# Sweetspot

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



65.4623, 0.3208, 0.2880



90.4603, 0.3150, 0.3167



59.5042, 0.2856, 0.2758



19.1498, 0.3152, 0.3154



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.



65.4623, 0.3208, 0.2880



66.3339, 0.3229, 0.2784



64.1519, 0.3390, 0.3122



16.7180, 0.3164, 0.3095



12.8269, 0.3682, 0.1802



1.1397, 0.3613, 0.1764



# Inverse Universe

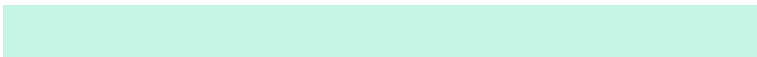
The Inverse Universe completely reimagines the original color for something new.



65.4623, 0.3208, 0.2880



66.3339, 0.3229, 0.2784



82.8464, 0.2920, 0.3465



16.7180, 0.3164, 0.3095



12.8269, 0.3682, 0.1802



1.1397, 0.3613, 0.1764



# Previews

## White Background



This preview shows how the Yxy color 65.4594, 0.3208, 0.2880 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

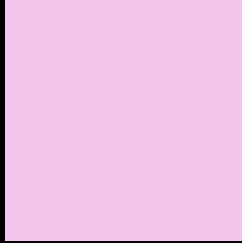
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 65.4594, 0.3208, 0.2880 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

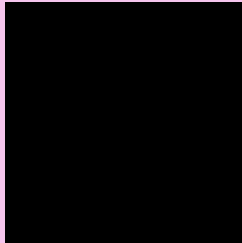
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 65.4594, 0.3208, 0.2880**

## **Background**



This preview shows how black text looks on a background with the Yxy color 65.4594, 0.3208, 0.2880.



This preview shows how white text looks on a background with the Yxy color 65.4594, 0.3208, 0.2880.

# 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

65.4594, 0.3208, 0.2880

### Protanopia

65.6649, 0.2863, 0.2905

### Deuteranopia

65.5129, 0.3039, 0.2976



## Tritanopia

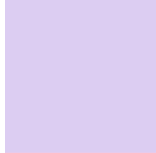
65.6084, 0.3337, 0.3132

# Trichromacy



## Original Color

65.4594, 0.3208, 0.2880



## Protanomaly

65.2891, 0.2985, 0.2893



## Deuteranomaly

65.5910, 0.3099, 0.2940



## Tritanomaly

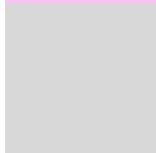
65.7451, 0.3286, 0.3040

# Monochromacy



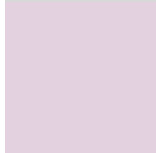
## Original Color

65.4594, 0.3208, 0.2880



## Achromatopsia

68.6685, 0.3127, 0.3290



## Achromatomaly

67.3136, 0.3157, 0.3128

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 65.4594, 0.3208, 0.2880 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, 197, 237)` looks like.

```
.text, #text, p{  
    color:rgb(245, 197, 237)  
}
```

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, 197, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 197, 237) }
```

## Border

The CSS property to change the border of an element to Yxy 65.4594, 0.3208, 0.2880 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, 197, 237) }
```

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

```
.border{ border-color:rgb(245, 197, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 197, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 197, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 197, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 197,  
237) }
```



# Background

The CSS property to change the background color of an element to Yxy 65.4594, 0.3208, 0.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 197, 237) }
```

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

```
.background{ background-color: rgb(245,  
197, 237) }
```

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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