

# Converting Colors

Yxy(61.9957, 0.3347, 0.2745)

Have a look what the booklet for  
Yxy(61.9957, 0.3347, 0.2745)  
contains.

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# Color

**Yxy(60.8303, 0.3298, 0.2739)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FFB6ED                     |
| RGB         | 255, 182, 237              |
| RGB Percent | 100%, 71%, 93%             |
| CMY         | 0.0001, 0.2862, 0.0705     |
| CMYK        | 0.00, 0.29, 0.07, 0.00     |
| HSL         | 315°, 100%, 86%            |
| HSV         | 315°, 29%, 100%            |
| XYZ         | 73.2451, 60.8303, 88.0140  |
| YIQ         | 210.0970, 25.8530, 32.5810 |

# Conversions

## Conversions Part 2

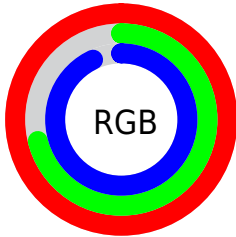
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 255, 182, 237                 |
| Decimal                             | 16758509                      |
| CIE <sub>Lab</sub>                  | 82.29, 34.75, -16.85          |
| CIE <sub>LCh</sub>                  | 82, 38.620, 334.140           |
| Yxy                                 | 60.8303, 0.3298,<br>0.2739    |
| Android<br>(android.graphics.Color) | 4294948589<br>(0xFFFFB6ED)    |
| YUV                                 | 210.0970, 13.2632,<br>39.3799 |
| Hunter-Lab                          | 77.9938, 31.1428,<br>-12.3116 |

# Details

The Yxy color  $60.8303, 0.3298, 0.2739$  is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be  $85.6119, 0.2992, 0.3913$ , and the grayscale version is  $64.4157, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $90.2130, 0.3134, 0.3136$ , and  $30.6449, 0.3332, 0.2612$  is the 20% darker color. If you saturate the color by 10%, you get  $50.9616, 0.3376, 0.2545$ , and if you desaturate by 10%, it is  $72.6184, 0.3230, 0.2936$ .

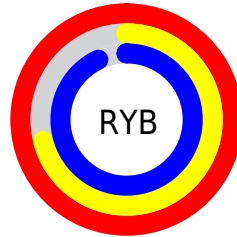
# Distribution



Red (100%)

Green (71%)

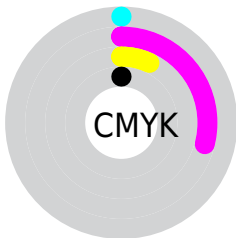
Blue (93%)



Red (100%)

Yellow (71%)

Blue (93%)

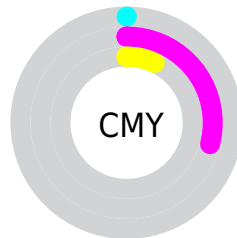


Cyan (0%)

Magenta (29%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (29%)


Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8303, 0.3298, 0.2739 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 60.8303, 0.3298, 0.2739 by changing the saturation by 10% instead.




 60.8303, 0.3298,  
0.2739

 60.8303, 0.3298,  
0.2739


427.6515, 0.3222,  
0.2989

 44.0882, 0.3315,  
0.2683


 106.0332, 0.3272,  
0.2825

 30.7399, 0.3335,  
0.2614


135.2628, 0.3262,  
0.2859

 20.4009, 0.3359,  
0.2529

169.4237, 0.3253,  
0.2888

 12.6868, 0.3390,  
0.2418

208.9003, 0.3246,  
0.2913

 7.2132, 0.3431,  
0.2271

254.0770, 0.3239,  
0.2936

 3.5958, 0.3484,  
0.2066

305.3381, 0.3233,

 1.4501, 0.3558,

0.2956

0.1764

363.0682, 0.3227,  
0.2973

0.2532, 0.3831,  
0.0871

0.0000, 0.1293,  
0.0000

60.8303, 0.3298,  
0.2739

60.8303, 0.3298,  
0.2739

50.9616, 0.3376,  
0.2545

72.6184, 0.3230,  
0.2936

42.9007, 0.3462,  
0.2363

86.4133, 0.3171,  
0.3130

36.5373, 0.3556,  
0.2202

99.9928, 0.3127,  
0.3290

31.7453, 0.3655,  
0.2073

■ 28.3812, 0.3756,  
0.1986

■ 26.2750, 0.3856,  
0.1948

■ 25.1849, 0.3953,  
0.1956

■ 25.0690, 0.3966,  
0.1958

# Harmonies

## Analogous

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



60.8303, 0.2807, 0.2543



60.8303, 0.3298, 0.2739



60.8303, 0.3774, 0.3058

# Triad

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



60.8303, 0.3298, 0.2739



60.8303, 0.3828, 0.4108



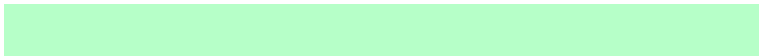
60.8303, 0.2267, 0.3018

# Complementary

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



60.8303, 0.3298, 0.2739



85.6119, 0.2992, 0.3913

# 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.



60.8303, 0.2499, 0.3500



60.8303, 0.3298, 0.2739



60.8303, 0.3392, 0.4178

# Square

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



60.8303, 0.3298, 0.2739



60.8303, 0.4085, 0.3824



60.8303, 0.2905, 0.3952



60.8303, 0.2246, 0.2669



# Rectangle

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



60.8303, 0.3298, 0.2739



60.8303, 0.4000, 0.3311



60.8303, 0.2905, 0.3952



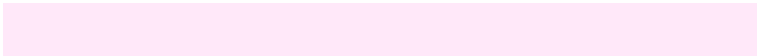
60.8303, 0.2322, 0.3170

# Sweetspot

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



60.8330, 0.3298, 0.2739



85.8630, 0.3173, 0.3122



52.8301, 0.2741, 0.2482



17.9235, 0.3181, 0.3094



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.



60.8330, 0.3298, 0.2739



55.2977, 0.3339, 0.2634



58.9569, 0.3593, 0.3089



18.2195, 0.3176, 0.3113



13.1285, 0.3951, 0.1950



1.2956, 0.3848, 0.1893



# Inverse Universe

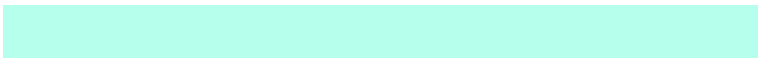
The Inverse Universe completely reimagines the original color for something new.



60.8330, 0.3298, 0.2739



55.2977, 0.3339, 0.2634



87.4711, 0.2807, 0.3502



18.2195, 0.3176, 0.3113



13.1285, 0.3951, 0.1950



1.2956, 0.3848, 0.1893



# Previews

## White Background



This preview shows how the Yxy color 60.8303, 0.3298, 0.2739 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

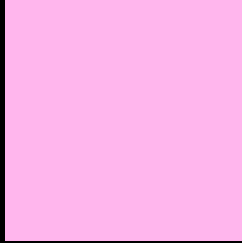
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.8303, 0.3298, 0.2739 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

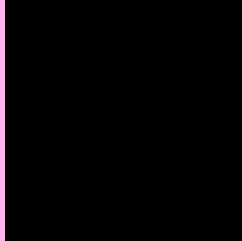
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.8303, 0.3298, 0.2739**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.8303, 0.3298, 0.2739.



This preview shows how white text looks on a background with the Yxy color 60.8303, 0.3298, 0.2739.

# 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

60.8303, 0.3298, 0.2739

### Protanopia

61.1462, 0.2748, 0.2754

### Deuteranopia

61.0980, 0.2973, 0.2912



## Tritanopia

60.7875, 0.3534, 0.3134

# Trichromacy



## Original Color

60.8303, 0.3298, 0.2739



## Protanomaly

60.2830, 0.2928, 0.2738



## Deuteranomaly

60.4690, 0.3086, 0.2839



## Tritanomaly

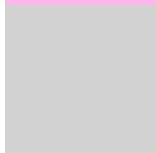
60.7196, 0.3447, 0.2991

# Monochromacy



## Original Color

60.8303, 0.3298, 0.2739



## Achromatopsia

64.4480, 0.3127, 0.3290



## Achromatomaly

62.6446, 0.3184, 0.3071

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.8303, 0.3298, 0.2739 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, 182, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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(255, 182, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 237) }
```

## Border

The CSS property to change the border of an element to Yxy 60.8303, 0.3298, 0.2739 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, 182, 237) }
```

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

```
.border{ border-color:rgb(255, 182, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
237) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.8303, 0.3298, 0.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 237) }
```

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

```
.background{ background-color: rgb(255,  
182, 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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