

# Converting Colors

$Yxy(60.7308, 0.3405, 0.2884)$

Have a look what the booklet for  
Yxy(60.7308, 0.3405, 0.2884)  
contains.

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# Color

**Yxy(60.9228, 0.3400, 0.2884)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB8E0
RGB	255, 184, 224
RGB Percent	100%, 72%, 88%
CMY	0.0002, 0.2783, 0.1215
CMYK	0.00, 0.28, 0.12, 0.00
HSL	326°, 100%, 86%
HSV	326°, 28%, 100%
XYZ	71.8230, 60.9228, 78.4983
YIQ	209.7890, 29.4760, 27.4920

# Conversions

## Conversions Part 2

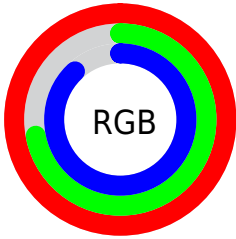
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 184, 224
Decimal	16759008
CIE <sub>Lab</sub>	82.34, 31.55, -9.79
CIE <sub>LCh</sub>	82, 33.035, 342.766
Yxy	60.9228, 0.3400, 0.2884
Android (android.graphics.Color)	4294949088 (0xFFFFB8E0)
YUV	209.7890, 7.0060, 39.6500
Hunter-Lab	78.0531, 27.6596, -4.9911

# Details

The Yxy color **60.9228, 0.3400, 0.2884** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.5899, 0.2924, 0.3736**, and the grayscale version is **64.2429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **30.7002, 0.3460, 0.2783** is the 20% darker color. If you saturate the color by 10%, you get **50.6848, 0.3534, 0.2733**, and if you desaturate by 10%, it is **73.1146, 0.3286, 0.3035**.

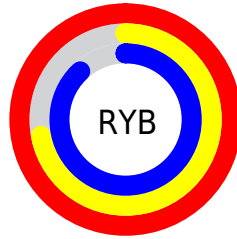
# Distribution



Red (100%)

Green (72%)

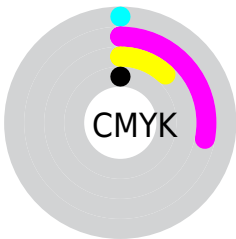
Blue (88%)



Red (100%)

Yellow (72%)

Blue (88%)

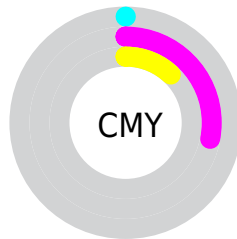


Cyan (0%)

Magenta (28%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9228, 0.3400, 0.2884 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 60.9228, 0.3400, 0.2884 by changing the saturation by 10% instead.





 60.9228, 0.3400,  
0.2884

 60.9228, 0.3400,  
0.2884


427.9909, 0.3273,  
0.3071

 44.1629, 0.3429,  
0.2841


 106.1671, 0.3356,  
0.2949

 30.7986, 0.3465,  
0.2789


135.4204, 0.3339,  
0.2974

 20.4455, 0.3511,  
0.2722


169.6068, 0.3324,  
0.2996

 12.7193, 0.3572,  
0.2636

209.1108, 0.3311,  
0.3015

 7.2355, 0.3655,  
0.2519

254.3168, 0.3300,  
0.3032

 3.6098, 0.3775,  
0.2351

305.6093, 0.3290,

 1.4578, 0.3964,


0.3046


0.2093


363.3725, 0.3281,  
0.3059


 0.2587, 0.4565,  
0.1148


 0.0000, 0.0000,  
0.0000

 60.9228, 0.3400,  
0.2884


 60.9228, 0.3400,  
0.2884

 50.6848, 0.3534,  
0.2733


 73.1146, 0.3286,  
0.3035

 42.2890, 0.3691,  
0.2590

 87.3476, 0.3191,  
0.3181

 35.6252, 0.3868,  
0.2465

99.9915, 0.3127,  
0.3290

 30.5680, 0.4063,  
0.2369

■ 26.9748, 0.4270,  
0.2314

■ 24.6774, 0.4480,  
0.2312

■ 23.4516, 0.4683,  
0.2363

■ 23.2562, 0.4727,  
0.2378

# Harmonies

## Analogous

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



60.9228, 0.2970, 0.2677



60.9228, 0.3400, 0.2884



60.9228, 0.3773, 0.3186

# Triad

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



60.9228, 0.3400, 0.2884



60.9228, 0.3637, 0.4031



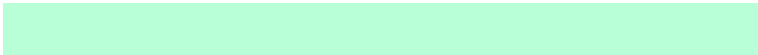
60.9228, 0.2358, 0.2961

# Complementary

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



60.9228, 0.3400, 0.2884



86.5899, 0.2924, 0.3736

# 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.



60.9228, 0.2512, 0.3350



60.9228, 0.3400, 0.2884



60.9228, 0.3239, 0.4012

# Square

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



60.9228, 0.3400, 0.2884



60.9228, 0.3907, 0.3839



60.9228, 0.2828, 0.3753



60.9228, 0.2393, 0.2701



# Rectangle

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



60.9228, 0.3400, 0.2884



60.9228, 0.3925, 0.3414



60.9228, 0.2828, 0.3753



60.9228, 0.2389, 0.3080

# Sweetspot

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



60.9256, 0.3400, 0.2884



87.1077, 0.3192, 0.3178



55.9201, 0.2856, 0.2529



18.1586, 0.3205, 0.3157



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.



60.9256, 0.3400, 0.2884



55.4059, 0.3467, 0.2806



59.2069, 0.3698, 0.3242



18.1586, 0.3205, 0.3157



12.1873, 0.4695, 0.2360



1.2086, 0.4478, 0.2241



# Inverse Universe

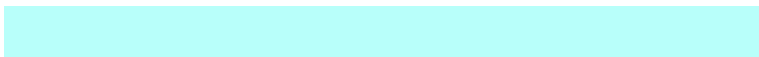
The Inverse Universe completely reimagines the original color for something new.



60.9256, 0.3400, 0.2884



55.4059, 0.3467, 0.2806



88.6012, 0.2744, 0.3340



18.1586, 0.3205, 0.3157



12.1873, 0.4695, 0.2360



1.2086, 0.4478, 0.2241



# Previews

## White Background



This preview shows how the Yxy color 60.9228, 0.3400, 0.2884 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

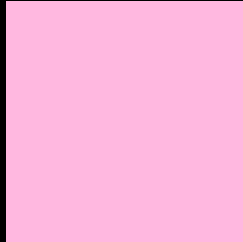
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.9228, 0.3400, 0.2884 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 60.9228, 0.3400, 0.2884**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.9228, 0.3400, 0.2884.



This preview shows how white text looks on a background with the Yxy color 60.9228, 0.3400, 0.2884.

# 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

60.9228, 0.3400, 0.2884

### Protanopia

61.3840, 0.2875, 0.2927

### Deuteranopia

60.9727, 0.3116, 0.3045



## Tritanopia

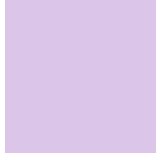
60.9262, 0.3551, 0.3145

# Trichromacy



## Original Color

60.9228, 0.3400, 0.2884



## Protanomaly

60.8188, 0.3046, 0.2906



## Deuteranomaly

60.8464, 0.3212, 0.2987



## Tritanomaly

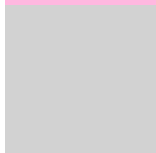
61.0764, 0.3494, 0.3053

# Monochromacy



## Original Color

60.9228, 0.3400, 0.2884



## Achromatopsia

64.4480, 0.3127, 0.3290



## Achromatomaly

62.8483, 0.3220, 0.3136

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.9228, 0.3400, 0.2884 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, 184, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 224)  
}
```

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, 184, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 224) }
```

## Border

The CSS property to change the border of an element to Yxy 60.9228, 0.3400, 0.2884 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, 184, 224) }
```

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

```
.border{ border-color:rgb(255, 184, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
224) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.9228, 0.3400, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 224) }
```

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

```
.background{ background-color: rgb(255,  
184, 224) }
```

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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