

# Converting Colors

Yxy(62.9763, 0.3250, 0.2849)

Have a look what the booklet for  
Yxy(62.9763, 0.3250, 0.2849)  
contains.

<b>Yxy(62.9763, 0.3250, 0.2849)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(62.9763, 0.3250, 0.2849)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7BFEA
RGB	247, 191, 234
RGB Percent	97%, 75%, 92%
CMY	0.0314, 0.2510, 0.0822
CMYK	0.00, 0.23, 0.05, 0.03
HSL	314°, 78%, 86%
HSV	314°, 23%, 97%
XYZ	71.8403, 62.9763, 86.2304
YIQ	212.6460, 19.5730, 25.2450

# Conversions

## Conversions Part 2

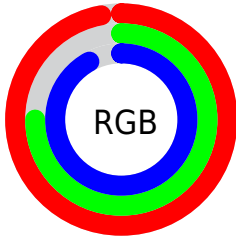
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">247, 191, 234</a>
Decimal	<a href="#">16236522</a>
CIELab	<a href="#">83.43, 26.88, -13.61</a>
CIELCh	<a href="#">83, 30.127, 333.148</a>
Yxy	<a href="#">62.9763, 0.3250, 0.2849</a>
Android (android.graphics.Color)	<a href="#">4294426602 (0xFFF7BFEA)</a>
YUV	<a href="#">212.6460, 10.5275, 30.1285</a>
Hunter-Lab	<a href="#">79.3576, 22.7154, -8.8745</a>

# Details

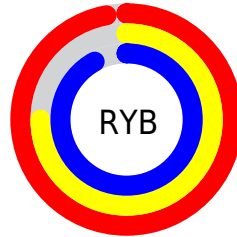
The Yxy color **62.9763, 0.3250, 0.2849** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.9519, 0.3024, 0.3776**, and the grayscale version is **66.2116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **32.0528, 0.3279, 0.2750** is the 20% darker color. If you saturate the color by 10%, you get **52.7754, 0.3318, 0.2649**, and if you desaturate by 10%, it is **75.0098, 0.3191, 0.3048**.

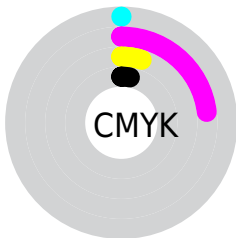
# Distribution



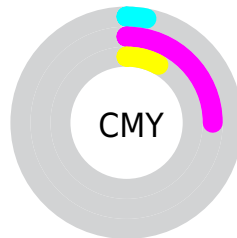
- Red (97%)
- Green (75%)
- Blue (92%)



- Red (97%)
- Yellow (75%)
- Blue (92%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (3%)




- Cyan (3%)
- Magenta (25%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9763, 0.3250, 0.2849 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 62.9763, 0.3250, 0.2849 by changing the saturation by 10% instead.





 62.9763, 0.3250,  
0.2849

 62.9763, 0.3250,  
0.2849


435.4835, 0.3195,  
0.3051

 45.8220, 0.3262,  
0.2804

 109.1353, 0.3231,  
0.2918

 32.1054, 0.3277,  
0.2748


138.9089, 0.3224,  
0.2946

 21.4420, 0.3295,  
0.2678


173.6576, 0.3218,  
0.2969

 13.4475, 0.3317,  
0.2587

213.7660, 0.3212,  
0.2989

 7.7374, 0.3347,  
0.2466

259.6184, 0.3207,  
0.3007

 3.9274, 0.3387,  
0.2294

311.5991, 0.3203,

 1.6330, 0.3444,

0.3023

370.0927, 0.3199,  
0.3038

0.2036

0.3797, 0.3635,  
0.1341

0.0000, 0.0000,  
0.0000

62.9763, 0.3250,  
0.2849

62.9763, 0.3250,  
0.2849

52.7754, 0.3318,  
0.2649

75.0098, 0.3191,  
0.3048

44.3077, 0.3395,  
0.2456

88.9525, 0.3139,  
0.3240

37.4769, 0.3479,  
0.2279

98.2694, 0.3100,  
0.3327

32.1739, 0.3569,  
0.2127

98.5126, 0.3078,  
0.3290

■ 28.2764, 0.3663,  
0.2012

■ 25.6432, 0.3756,  
0.1942

■ 24.1034, 0.3848,  
0.1920

■ 23.4814, 0.3913,  
0.1929

# Harmonies

## Analogous

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



62.9763, 0.2870, 0.2697



62.9763, 0.3250, 0.2849



62.9763, 0.3615, 0.3103

# Triad

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



62.9763, 0.3250, 0.2849



62.9763, 0.3685, 0.3922



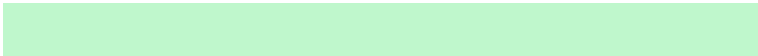
62.9763, 0.2456, 0.3100

# Complementary

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



62.9763, 0.3250, 0.2849



81.9519, 0.3024, 0.3776

# 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.



62.9763, 0.2649, 0.3467



62.9763, 0.3250, 0.2849



62.9763, 0.3353, 0.3968

# Square

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



62.9763, 0.3250, 0.2849



62.9763, 0.3871, 0.3708



62.9763, 0.2973, 0.3799



62.9763, 0.2432, 0.2818



# Rectangle

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



62.9763, 0.3250, 0.2849



62.9763, 0.3791, 0.3305



62.9763, 0.2973, 0.3799



62.9763, 0.2502, 0.3217

# Sweetspot

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



62.9791, 0.3250, 0.2849



88.8719, 0.3161, 0.3158



56.6950, 0.2827, 0.2667



18.8273, 0.3164, 0.3146



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.



62.9791, 0.3250, 0.2849



62.6764, 0.3279, 0.2761



61.5356, 0.3464, 0.3124



16.6988, 0.3173, 0.3110



12.4423, 0.3898, 0.1921



1.1091, 0.3794, 0.1864



# Inverse Universe

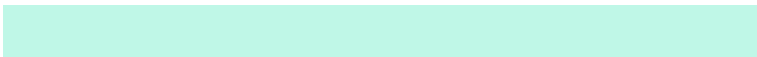
The Inverse Universe completely reimagines the original color for something new.



62.9791, 0.3250, 0.2849



62.6764, 0.3279, 0.2761



83.3705, 0.2874, 0.3464



16.6988, 0.3173, 0.3110



12.4423, 0.3898, 0.1921



1.1091, 0.3794, 0.1864



# Previews

## White Background



This preview shows how the Yxy color 62.9763, 0.3250, 0.2849 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

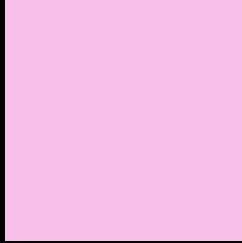
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.9763, 0.3250, 0.2849 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

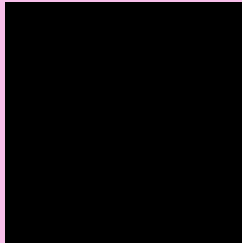
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.9763, 0.3250, 0.2849**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.9763, 0.3250, 0.2849.



This preview shows how white text looks on a background with the Yxy color 62.9763, 0.3250, 0.2849.

# 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

62.9763, 0.3250, 0.2849

### Protanopia

63.0918, 0.2840, 0.2867

### Deuteranopia

63.2898, 0.3030, 0.2972



## Tritanopia

62.9165, 0.3408, 0.3132

# Trichromacy



## Original Color

62.9763, 0.3250, 0.2849



## Protanomaly

62.9700, 0.2983, 0.2867



## Deuteranomaly

63.2240, 0.3106, 0.2926



## Tritanomaly

63.1105, 0.3347, 0.3029

# Monochromacy



## Original Color

62.9763, 0.3250, 0.2849



## Achromatopsia

66.5387, 0.3127, 0.3290



## Achromatomaly

64.8907, 0.3166, 0.3116

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.9763, 0.3250, 0.2849 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(247, 191, 234)` looks like.

```
.text, #text, p{  
    color:rgb(247, 191, 234)  
}
```

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(247, 191, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 191, 234) }
```

## Border

The CSS property to change the border of an element to Yxy 62.9763, 0.3250, 0.2849 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(247, 191, 234) }
```

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

```
.border{ border-color:rgb(247, 191, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 191, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 191, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 191, 234);  
box-shadow:4px 4px 4px 4px rgb(247, 191,  
234) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.9763, 0.3250, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 191, 234) }
```

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

```
.background{ background-color: rgb(247,  
191, 234) }
```

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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