

# Converting Colors

$Yxy(62.5150, 0.3588, 0.3196)$

Have a look what the booklet for  
Yxy(62.5150, 0.3588, 0.3196)  
contains.

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# Color

**Yxy(62.6917, 0.3586, 0.3198)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBFC8
RGB	255, 191, 200
RGB Percent	100%, 75%, 78%
CMY	0.0000, 0.2510, 0.2156
CMYK	0.00, 0.25, 0.22, 0.00
HSL	352°, 100%, 87%
HSV	352°, 25%, 100%
XYZ	70.2978, 62.6917, 63.0446
YIQ	211.1620, 35.2550, 16.3670

# Conversions

## Conversions Part 2

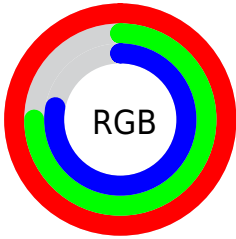
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 191, 200
Decimal	16760776
CIE Lab	83.28, 24.24, 4.48
CIE LCh	83, 24.652, 10.461
Yxy	62.6917, 0.3586, 0.3198
Android (android.graphics.Color)	4294950856 (0xFFFFBFC8)
YUV	211.1620, -5.5029, 38.4459
Hunter-Lab	79.1781, 19.9186, 8.2157

# Details

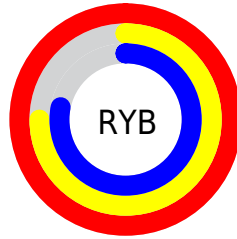
The Yxy color **62.6917, 0.3586, 0.3198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.2503, 0.2802, 0.3385**, and the grayscale version is **65.2750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **31.8370, 0.3702, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **51.5707, 0.3850, 0.3160**, and if you desaturate by 10%, it is **75.9000, 0.3373, 0.3236**.

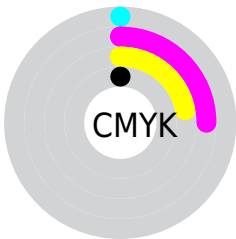
# Distribution



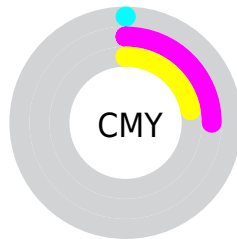
- Red (100%)
- Green (75%)
- Blue (78%)



- Red (100%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (25%)
- Yellow (22%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6917, 0.3586, 0.3198 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 62.6917, 0.3586, 0.3198 by changing the saturation by 10% instead.




 62.6917, 0.3586,  
0.3198

 62.6917, 0.3586,  
0.3198


434.4497, 0.3367,  
0.3244

 45.5918, 0.3638,  
0.3187


 108.7246, 0.3508,  
0.3215

 31.9239, 0.3703,  
0.3172


138.4264, 0.3479,  
0.3221

 21.3033, 0.3787,  
0.3152


173.0977, 0.3453,  
0.3226

 13.3459, 0.3899,  
0.3126

213.1229, 0.3431,  
0.3231

 7.6672, 0.4057,  
0.3086

258.8862, 0.3412,  
0.3235

 3.8827, 0.4294,  
0.3024


310.7722, 0.3395,

 1.6082, 0.4688,

0.3238


0.2912


369.1653, 0.3380,  
0.3242


 0.3631, 0.6786,  
0.2620


 0.0000, 0.0000,  
0.0000


 62.6917, 0.3586,  
0.3198


 62.6917, 0.3586,  
0.3198

 51.5707, 0.3850,  
0.3160


 75.9000, 0.3373,  
0.3236

 42.4239, 0.4171,  
0.3124

 91.2880, 0.3201,  
0.3273

 35.1375, 0.4550,  
0.3096

100.0000, 0.3127,  
0.3290

 29.5834, 0.4976,  
0.3083

■ 25.6170, 0.5419,  
0.3091

■ 23.0705, 0.5825,  
0.3126

■ 21.7376, 0.6136,  
0.3185

■ 21.3867, 0.6245,  
0.3214

# Harmonies

## Analogous

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



62.6917, 0.3307, 0.2969



62.6917, 0.3586, 0.3198



62.6917, 0.3738, 0.3458

# Triad

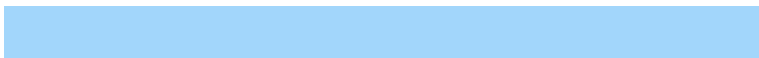
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.6917, 0.3586, 0.3198



62.6917, 0.3240, 0.3822



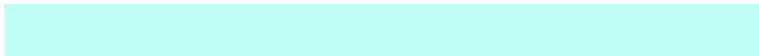
62.6917, 0.2568, 0.2864

# Complementary

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



62.6917, 0.3586, 0.3198



89.2503, 0.2802, 0.3385

# 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.



62.6917, 0.2553, 0.3073



62.6917, 0.3586, 0.3198



62.6917, 0.2931, 0.3646

# Square

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



62.6917, 0.3586, 0.3198



62.6917, 0.3529, 0.3832



62.6917, 0.2683, 0.3362



62.6917, 0.2723, 0.2777



# Rectangle

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



62.6917, 0.3586, 0.3198



62.6917, 0.3742, 0.3620



62.6917, 0.2683, 0.3362



62.6917, 0.2547, 0.2921

# Sweetspot

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



62.6939, 0.3586, 0.3198



86.5899, 0.3247, 0.3262



63.9679, 0.3084, 0.2649



18.0287, 0.3272, 0.3257



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

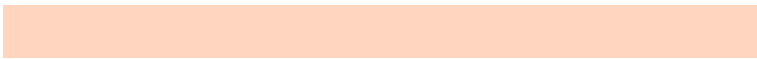
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.6939, 0.3586, 0.3198



56.9858, 0.3708, 0.3179



72.8130, 0.3605, 0.3521



18.0287, 0.3272, 0.3257



11.1875, 0.6217, 0.3198



1.1013, 0.5955, 0.3054



# Inverse Universe

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



62.6939, 0.3586, 0.3198



56.9858, 0.3708, 0.3179



76.3492, 0.2735, 0.3046



18.0287, 0.3272, 0.3257



11.1875, 0.6217, 0.3198



1.1013, 0.5955, 0.3054



# Previews

## White Background



This preview shows how the Yxy color 62.6917, 0.3586, 0.3198 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

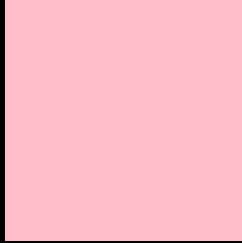
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.6917, 0.3586, 0.3198 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 62.6917, 0.3586, 0.3198**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.6917, 0.3586, 0.3198.

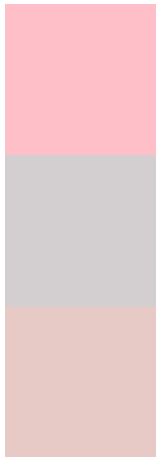


This preview shows how white text looks on a background with the Yxy color 62.6917, 0.3586, 0.3198.

# 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

62.6917, 0.3586, 0.3198

### Protanopia

63.0780, 0.3143, 0.3267

### Deuteranopia

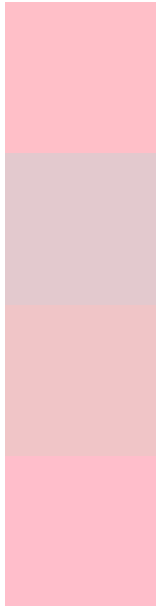
62.8394, 0.3387, 0.3324



## Tritanopia

62.4947, 0.3547, 0.3136

# Trichromacy



## Original Color

62.6917, 0.3586, 0.3198

## Protanomaly

62.5604, 0.3294, 0.3235

## Deuteranomaly

62.5813, 0.3459, 0.3269

## Tritanomaly

62.3987, 0.3563, 0.3157

# Monochromacy



## Original Color

62.6917, 0.3586, 0.3198

## Achromatopsia

65.1406, 0.3127, 0.3290

## Achromatomaly

64.0216, 0.3283, 0.3257

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.6917, 0.3586, 0.3198 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, 191, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 200)  
}
```

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, 191, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 200) }
```

## Border

The CSS property to change the border of an element to Yxy 62.6917, 0.3586, 0.3198 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, 191, 200) }
```

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

```
.border{ border-color:rgb(255, 191, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
200) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.6917, 0.3586, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 200) }
```

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

```
.background{ background-color: rgb(255,  
191, 200) }
```

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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