

# Converting Colors

$Yxy(60.4305, 0.3488, 0.3095)$

Have a look what the booklet for  
Yxy(60.4305, 0.3488, 0.3095)  
contains.

<b>Yxy(60.5624, 0.3493, 0.3102)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(60.5624, 0.3493, 0.3102)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9BCCE
RGB	249, 188, 206
RGB Percent	98%, 74%, 81%
CMY	0.0234, 0.2628, 0.1922
CMYK	0.00, 0.25, 0.17, 0.02
HSL	342°, 84%, 86%
HSV	342°, 25%, 98%
XYZ	68.1962, 60.5624, 66.4781
YIQ	208.2910, 30.5780, 18.5300

# Conversions

## Conversions Part 2

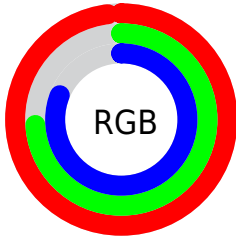
Format	Color
R <sub>Y</sub> B	249, 188, 206
Decimal	16366798
CIE Lab	82.14, 24.59, -0.46
CIE LCh	82, 24.595, 358.935
Yxy	60.5624, 0.3493, 0.3102
Android (android.graphics.Color)	4294556878 (0xFFF9BCCE)
YUV	208.2910, -1.1295, 35.7018
Hunter-Lab	77.8218, 20.2333, 3.8278

# Details

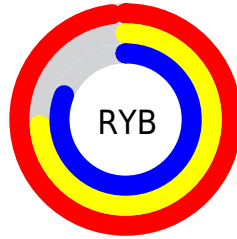
The Yxy color **60.5624, 0.3493, 0.3102** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.2306, 0.2859, 0.3487**, and the grayscale version is **63.2698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **30.5237, 0.3587, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **50.0215, 0.3703, 0.3021**, and if you desaturate by 10%, it is **73.0398, 0.3321, 0.3182**.

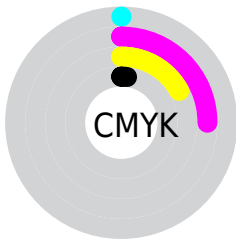
# Distribution



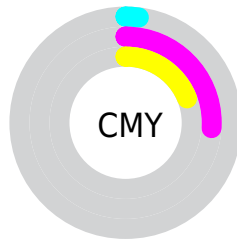
- Red (98%)
- Green (74%)
- Blue (81%)



- Red (98%)
- Yellow (74%)
- Blue (81%)



- Cyan (0%)
- Magenta (25%)
- Yellow (17%)
- Black (2%)




- Cyan (2%)
- Magenta (26%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5624, 0.3493, 0.3102 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 60.5624, 0.3493, 0.3102 by changing the saturation by 10% instead.




 60.5624, 0.3493,  
0.3102

 60.5624, 0.3493,  
0.3102


426.6677, 0.3318,  
0.3192

 43.8721, 0.3534,  
0.3081


 105.6451, 0.3431,  
0.3134

 30.5700, 0.3586,  
0.3054


134.8062, 0.3407,  
0.3146

 20.2716, 0.3653,  
0.3020


168.8931, 0.3387,  
0.3156

 12.5926, 0.3743,  
0.2974

208.2902, 0.3370,  
0.3165

 7.1486, 0.3870,  
0.2910

253.3818, 0.3354,  
0.3173

 3.5552, 0.4061,  
0.2812


304.5523, 0.3341,


 1.4280, 0.4382,

0.3180


0.2650


362.1861, 0.3329,  
0.3186

 0.2372, 0.6102,  
0.1753


 0.0000, 0.0000,  
0.0000


 60.5624, 0.3493,  
0.3102


 60.5624, 0.3493,  
0.3102


 50.0215, 0.3703,  
0.3021

 73.0398, 0.3321,  
0.3182

 41.3115, 0.3957,  
0.2944

 87.5359, 0.3181,  
0.3258

 34.3292, 0.4256,  
0.2877

 98.8847, 0.3090,  
0.3290

 28.9577, 0.4597,  
0.2831

■ 25.0656, 0.4966,  
0.2819

■ 22.5003, 0.5335,  
0.2850

■ 21.0755, 0.5667,  
0.2928

■ 20.6311, 0.5826,  
0.2983

# Harmonies

## Analogous

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



60.5624, 0.3185, 0.2897



60.5624, 0.3493, 0.3102



60.5624, 0.3704, 0.3358

# Triad

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



60.5624, 0.3493, 0.3102



60.5624, 0.3360, 0.3851



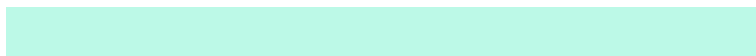
60.5624, 0.2540, 0.2928

# Complementary

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



60.5624, 0.3493, 0.3102



84.2306, 0.2859, 0.3487

# 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.



60.5624, 0.2582, 0.3177



60.5624, 0.3493, 0.3102



60.5624, 0.3046, 0.3735

# Square

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



60.5624, 0.3493, 0.3102



60.5624, 0.3621, 0.3797



60.5624, 0.2763, 0.3479



60.5624, 0.2644, 0.2791



# Rectangle

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



60.5624, 0.3493, 0.3102



60.5624, 0.3755, 0.3531



60.5624, 0.2763, 0.3479



60.5624, 0.2537, 0.3000

# Sweetspot

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



60.5652, 0.3493, 0.3102



88.3508, 0.3214, 0.3239



59.7482, 0.3016, 0.2652



18.7066, 0.3222, 0.3235



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

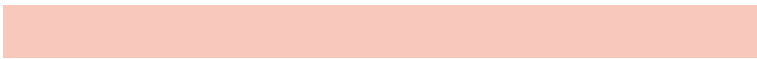
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.5652, 0.3493, 0.3102



58.6326, 0.3583, 0.3065



65.1778, 0.3613, 0.3420



17.3094, 0.3247, 0.3220



11.0623, 0.5785, 0.2960



1.0423, 0.5448, 0.2775



# Inverse Universe

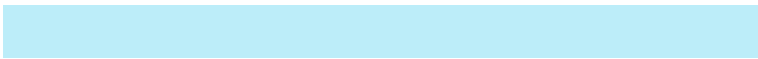
The Inverse Universe completely reimagines the original color for something new.



60.5652, 0.3493, 0.3102



58.6326, 0.3583, 0.3065



77.9968, 0.2754, 0.3155



17.3094, 0.3247, 0.3220



11.0623, 0.5785, 0.2960



1.0423, 0.5448, 0.2775



# Previews

## White Background



This preview shows how the Yxy color 60.5624, 0.3493, 0.3102 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

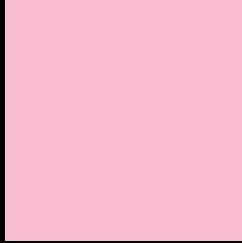
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.5624, 0.3493, 0.3102 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 60.5624, 0.3493, 0.3102**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.5624, 0.3493, 0.3102.



This preview shows how white text looks on a background with the Yxy color 60.5624, 0.3493, 0.3102.

# 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

60.5624, 0.3493, 0.3102

### Protanopia

60.5973, 0.3058, 0.3151

### Deuteranopia

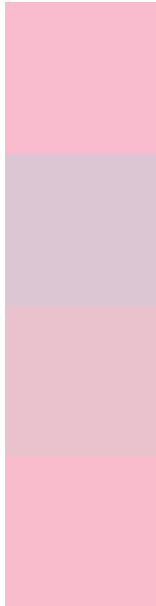
60.5951, 0.3289, 0.3223



## Tritanopia

60.4180, 0.3518, 0.3133

# Trichromacy



## Original Color

60.5624, 0.3493, 0.3102

## Protanomaly

60.5138, 0.3205, 0.3134

## Deuteranomaly

60.3150, 0.3359, 0.3170

## Tritanomaly

60.4658, 0.3509, 0.3123

# Monochromacy



## Original Color

60.5624, 0.3493, 0.3102

## Achromatopsia

63.0757, 0.3127, 0.3290

## Achromatomaly

61.9663, 0.3255, 0.3223

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.5624, 0.3493, 0.3102 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(249, 188, 206)` looks like.

```
.text, #text, p{  
    color:rgb(249, 188, 206)  
}
```

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(249, 188, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 188, 206) }
```

## Border

The CSS property to change the border of an element to Yxy 60.5624, 0.3493, 0.3102 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(249, 188, 206) }
```

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

```
.border{ border-color:rgb(249, 188, 206) }
```

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

Here you see how a box with a 4 pixel rgb(249, 188, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 188, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 188, 206);  
box-shadow:4px 4px 4px 4px rgb(249, 188,  
206) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.5624, 0.3493, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 188, 206) }
```

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

```
.background{ background-color: rgb(249,  
188, 206) }
```

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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