

Converting Colors

$Y_{xy}(62.7207, 0.3655, 0.3198)$

Have a look what the booklet for
Yxy(62.7207, 0.3655, 0.3198)
contains.

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Color

Yxy(61.7324, 0.3607, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDC6
RGB	255, 189, 198
RGB Percent	100%, 74%, 78%
CMY	0.0000, 0.2588, 0.2235
CMYK	0.00, 0.26, 0.22, 0.00
HSL	352°, 100%, 87%
HSV	352°, 26%, 100%
XYZ	69.6275, 61.7324, 61.6745
YIQ	209.7600, 36.4470, 16.7910

Conversions

Conversions Part 2

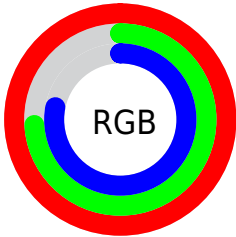
Format	Color
R _Y B	255, 189, 198
Decimal	16760262
CIE Lab	82.77, 24.99, 4.81
CIE LCh	83, 25.454, 10.904
Yxy	61.7324, 0.3607, 0.3198
Android (android.graphics.Color)	4294950342 (0xFFFFBDC6)
YUV	209.7600, -5.7977, 39.6755
Hunter-Lab	78.5700, 20.6865, 8.4585

Details

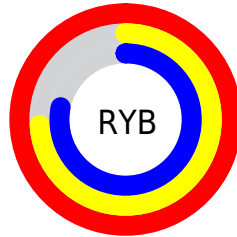
The Yxy color **61.7324, 0.3607, 0.3198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.9858, 0.2792, 0.3385**, and the grayscale version is **64.3056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **31.2119, 0.3732, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **50.7684, 0.3876, 0.3161**, and if you desaturate by 10%, it is **74.7783, 0.3389, 0.3235**.

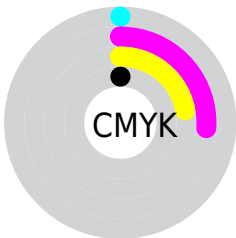
Distribution



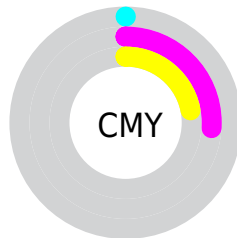
- Red (100%)
- Green (74%)
- Blue (78%)



- Red (100%)
- Yellow (74%)
- Blue (78%)



- Cyan (0%)
- Magenta (26%)
- Yellow (22%)
- Black (0%)




- Cyan (0%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7324, 0.3607, 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 61.7324, 0.3607, 0.3198 by changing the saturation by 10% instead.


 61.7324, 0.3607,
0.3198

 61.7324, 0.3607,
0.3198

430.9543, 0.3377,
0.3245

 44.8165, 0.3662,
0.3186


 107.3387, 0.3526,
0.3215

 31.3129, 0.3730,
0.3171


136.7979, 0.3494,
0.3221

 20.8372, 0.3819,
0.3151


171.2069, 0.3468,
0.3227

 13.0051, 0.3937,
0.3124

210.9503, 0.3445,
0.3231

 7.4320, 0.4105,
0.3083

256.4123, 0.3425,
0.3235

 3.7337, 0.4357,
0.3018

307.9774, 0.3407,

 1.5258, 0.4779,

0.3239

0.2898

366.0299, 0.3391,
0.3242

0.3068, 0.7465,
0.2535

0.0000, 0.0000,
0.0000

61.7324, 0.3607,
0.3198

61.7324, 0.3607,
0.3198

50.7684, 0.3876,
0.3161

74.7783, 0.3389,
0.3235

41.7704, 0.4204,
0.3127

89.9970, 0.3214,
0.3270

34.6243, 0.4590,
0.3101

99.9977, 0.3127,
0.3290

29.2006, 0.5021,
0.3089

■ 25.3535, 0.5464,
0.3100

■ 22.9124, 0.5865,
0.3136

■ 21.6668, 0.6164,
0.3195

■ 21.3776, 0.6253,
0.3218

Harmonies

Analogous

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



61.7324, 0.3319, 0.2961



61.7324, 0.3607, 0.3198



61.7324, 0.3762, 0.3467

Triad

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



61.7324, 0.3607, 0.3198



61.7324, 0.3239, 0.3842



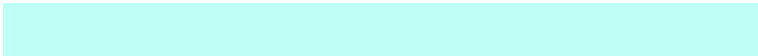
61.7324, 0.2549, 0.2846

Complementary

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



61.7324, 0.3607, 0.3198



88.9858, 0.2792, 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.



61.7324, 0.2532, 0.3060



61.7324, 0.3607, 0.3198



61.7324, 0.2919, 0.3656

Square

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



61.7324, 0.3607, 0.3198



61.7324, 0.3540, 0.3854



61.7324, 0.2663, 0.3360



61.7324, 0.2712, 0.2759

Rectangle

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



61.7324, 0.3607, 0.3198



61.7324, 0.3765, 0.3635



61.7324, 0.2663, 0.3360



61.7324, 0.2526, 0.2904

Sweetspot

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



61.7353, 0.3607, 0.3198



86.5846, 0.3248, 0.3263



63.0482, 0.3083, 0.2629



18.0274, 0.3273, 0.3258



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.



61.7353, 0.3607, 0.3198



55.8672, 0.3738, 0.3179



72.0708, 0.3623, 0.3529



18.0274, 0.3273, 0.3258



11.1837, 0.6226, 0.3203



1.1007, 0.5968, 0.3061

Inverse Universe

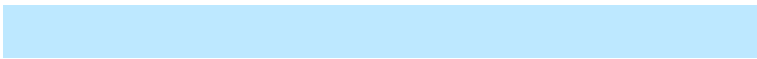
The Inverse Universe completely reimagines the original color for something new.



61.7353, 0.3607, 0.3198



55.8672, 0.3738, 0.3179



75.6942, 0.2723, 0.3038



18.0274, 0.3273, 0.3258



11.1837, 0.6226, 0.3203



1.1007, 0.5968, 0.3061

Previews

White Background



This preview shows how the Yxy color 61.7324, 0.3607, 0.3198 looks on a white background.

Color Contrast Check

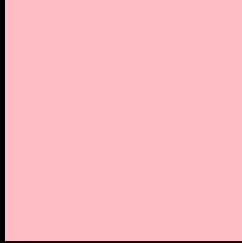
Large Text (above 18pt) WCAG AA × Fail

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 61.7324, 0.3607, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

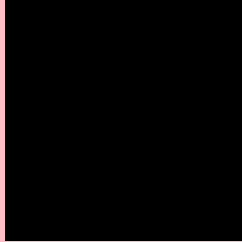
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7324, 0.3607, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 61.7324, 0.3607, 0.3198.



This preview shows how white text looks on a background with the Yxy color 61.7324, 0.3607, 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

61.7324, 0.3607, 0.3198

Protanopia

61.8693, 0.3151, 0.3267

Deuteranopia

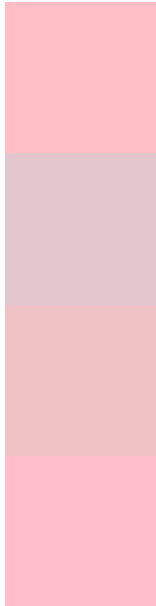
61.6554, 0.3398, 0.3324



Tritanopia

61.5382, 0.3567, 0.3136

Trichromacy



Original Color

61.7324, 0.3607, 0.3198

Protanomaly

61.3752, 0.3304, 0.3235

Deuteranomaly

61.4122, 0.3470, 0.3269

Tritanomaly

61.4435, 0.3584, 0.3157

Monochromacy



Original Color

61.7324, 0.3607, 0.3198

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

62.8660, 0.3285, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7324, 0.3607, 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, 189, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 198)  
}
```

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, 189, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 198) }
```

Border

The CSS property to change the border of an element to Yxy 61.7324, 0.3607, 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, 189, 198) }
```

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

```
.border{ border-color:rgb(255, 189, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7324, 0.3607, 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, 189, 198) }
```

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

```
.background{ background-color: rgb(255,  
189, 198) }
```

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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