

Converting Colors

Yxy(63.4127, 0.3577, 0.3207)

Have a look what the booklet for
Yxy(63.4127, 0.3577, 0.3207)
contains.

| | |
|------------------------------------------------|----|
| Yxy(63.6170, 0.3573, 0.3209) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(63.6170, 0.3573, 0.3209)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC1C9 |
| RGB | 255, 193, 201 |
| RGB Percent | 100%, 76%, 79% |
| CMY | 0.0003, 0.2430, 0.2118 |
| CMYK | 0.00, 0.24, 0.21, 0.00 |
| HSL | 352°, 100%, 88% |
| HSV | 352°, 24%, 100% |
| XYZ | 70.8331, 63.6170, 63.7954 |
| YIQ | 212.4500, 34.3840, 15.6320 |

Conversions

Conversions Part 2

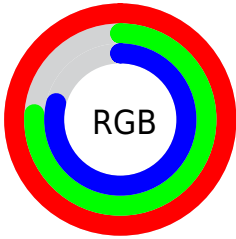
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 193, 201 |
| Decimal | 16761289 |
| CIE Lab | 83.77, 23.29, 4.65 |
| CIE LCh | 84, 23.753, 11.302 |
| Yxy | 63.6170, 0.3573, 0.3209 |
| Android (android.graphics.Color) | 4294951369 (0xFFFFC1C9) |
| YUV | 212.4500, -5.6448, 37.3164 |
| Hunter-Lab | 79.7603, 18.9410, 8.4097 |

Details

The Yxy color **63.6170, 0.3573, 0.3209** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.5347, 0.2808, 0.3374**, and the grayscale version is **66.1737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **32.4421, 0.3684, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **52.3296, 0.3836, 0.3174**, and if you desaturate by 10%, it is **77.0043, 0.3360, 0.3244**.

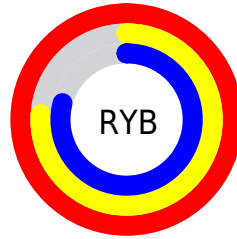
Distribution



Red (100%)

Green (76%)

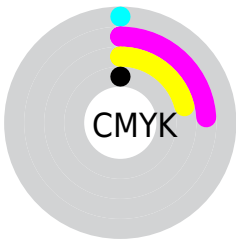
Blue (79%)



Red (100%)

Yellow (76%)

Blue (79%)

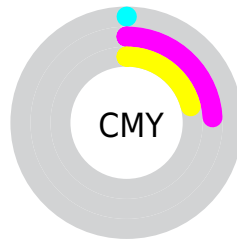


Cyan (0%)

Magenta (24%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6170, 0.3573, 0.3209 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 63.6170, 0.3573, 0.3209 by changing the saturation by 10% instead.


 63.6170, 0.3573,
0.3209

 63.6170, 0.3573,
0.3209

437.8053, 0.3360,
0.3250

 46.3405, 0.3623,
0.3199

 110.0592, 0.3498,
0.3224

 32.5146, 0.3686,
0.3186


139.9937, 0.3469,
0.3229

 21.7549, 0.3767,
0.3168


174.9163, 0.3445,
0.3234

 13.6769, 0.3875,
0.3145

215.2114, 0.3423,
0.3238

 7.8963, 0.4027,
0.3109

261.2635, 0.3405,
0.3242

 4.0287, 0.4254,
0.3054


313.4569, 0.3388,

 1.6896, 0.4630,


0.3245


0.2953

372.1760, 0.3373,
0.3248

 0.4169, 0.6403,
0.2749

 0.0000, 0.0000,
0.0000


 63.6170, 0.3573,
0.3209

 63.6170, 0.3573,
0.3209

 52.3296, 0.3836,
0.3174


 77.0043, 0.3360,
0.3244

 43.0272, 0.4157,
0.3141

 92.5814, 0.3190,
0.3277

 35.5974, 0.4538,
0.3115

99.9875, 0.3127,
0.3290

 29.9127, 0.4967,
0.3102

■ 25.8302, 0.5414,
0.3109

■ 23.1836, 0.5826,
0.3141

■ 21.7705, 0.6142,
0.3194

■ 21.3559, 0.6267,
0.3226

Harmonies

Analogous

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



63.6170, 0.3309, 0.2987



63.6170, 0.3573, 0.3209



63.6170, 0.3714, 0.3459

Triad

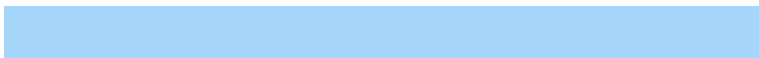
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.6170, 0.3573, 0.3209



63.6170, 0.3228, 0.3796



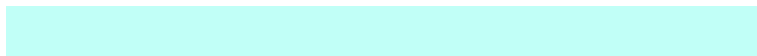
63.6170, 0.2592, 0.2877

Complementary

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



63.6170, 0.3573, 0.3209



89.5347, 0.2808, 0.3374

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.



63.6170, 0.2574, 0.3076



63.6170, 0.3573, 0.3209



63.6170, 0.2932, 0.3624

Square

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



63.6170, 0.3573, 0.3209



63.6170, 0.3506, 0.3811



63.6170, 0.2695, 0.3351



63.6170, 0.2746, 0.2797

Rectangle

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



63.6170, 0.3573, 0.3209



63.6170, 0.3715, 0.3614



63.6170, 0.2695, 0.3351



63.6170, 0.2570, 0.2932

Sweetspot

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



63.6199, 0.3573, 0.3209



88.1735, 0.3232, 0.3268



65.0880, 0.3094, 0.2672



18.6657, 0.3242, 0.3266



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

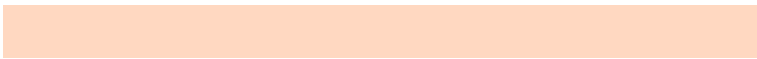
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.6199, 0.3573, 0.3209



58.0698, 0.3690, 0.3192



74.0740, 0.3584, 0.3524



18.0250, 0.3274, 0.3260



11.1771, 0.6240, 0.3211



1.0996, 0.5991, 0.3074

Inverse Universe

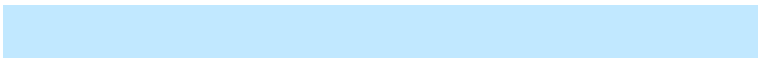
The Inverse Universe completely reimagines the original color for something new.



63.6199, 0.3573, 0.3209



58.0698, 0.3690, 0.3192



76.4055, 0.2747, 0.3044



18.0250, 0.3274, 0.3260



11.1771, 0.6240, 0.3211



1.0996, 0.5991, 0.3074

Previews

White Background



This preview shows how the Yxy color 63.6170, 0.3573, 0.3209 looks on a white background.

Color Contrast Check

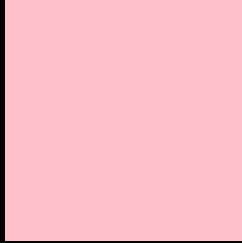
Large Text (above 18pt) WCAG AA × Fail

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 63.6170, 0.3573, 0.3209 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 63.6170, 0.3573, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 63.6170, 0.3573, 0.3209.



This preview shows how white text looks on a background with the Yxy color 63.6170, 0.3573, 0.3209.

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

63.6170, 0.3573, 0.3209

Protanopia

63.8613, 0.3158, 0.3279

Deuteranopia

63.6882, 0.3394, 0.3324



Tritanopia

63.4643, 0.3526, 0.3137

Trichromacy



Original Color

63.6170, 0.3573, 0.3209

Protanomaly

63.6621, 0.3300, 0.3257

Deuteranomaly

63.7178, 0.3456, 0.3280

Tritanomaly

63.3671, 0.3543, 0.3157

Monochromacy



Original Color

63.6170, 0.3573, 0.3209

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.7107, 0.3283, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6170, 0.3573, 0.3209 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, 193, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 201)  
}
```

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, 193, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 201) }
```

Border

The CSS property to change the border of an element to Yxy 63.6170, 0.3573, 0.3209 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, 193, 201) }
```

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

```
.border{ border-color:rgb(255, 193, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6170, 0.3573, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 201) }
```

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

```
.background{ background-color: rgb(255,  
193, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor