

Converting Colors

$Yxy(67.2524, 0.3747, 0.3250)$

Have a look what the booklet for
Yxy(67.2524, 0.3747, 0.3250)
contains.

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Color

Yxy(63.4771, 0.3598, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1C6
RGB	255, 193, 198
RGB Percent	100%, 76%, 78%
CMY	0.0001, 0.2430, 0.2236
CMYK	0.00, 0.24, 0.22, 0.00
HSL	355°, 100%, 88%
HSV	355°, 24%, 100%
XYZ	70.4909, 63.4771, 61.9489
YIQ	212.1080, 35.3470, 14.6990

Conversions

Conversions Part 2

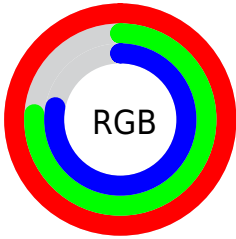
Format	Color
R _Y B	255, 193, 198
Decimal	16761286
CIE Lab	83.69, 22.88, 6.16
CIE LCh	84, 23.691, 15.069
Yxy	63.4771, 0.3598, 0.3240
Android (android.graphics.Color)	4294951366 (0xFFFFC1C6)
YUV	212.1080, -6.9552, 37.6163
Hunter-Lab	79.6725, 18.5025, 9.6701

Details

The Yxy color **63.4771, 0.3598, 0.3240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.7406, 0.2793, 0.3341**, and the grayscale version is **65.9432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **32.3492, 0.3718, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **52.1608, 0.3877, 0.3219**, and if you desaturate by 10%, it is **76.9102, 0.3373, 0.3261**.

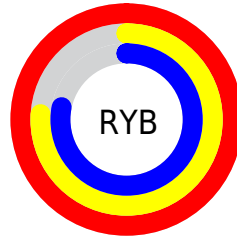
Distribution



Red (100%)

Green (76%)

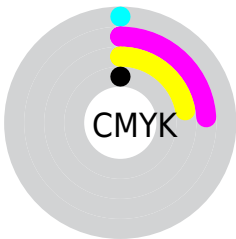
Blue (78%)



Red (100%)

Yellow (76%)

Blue (78%)

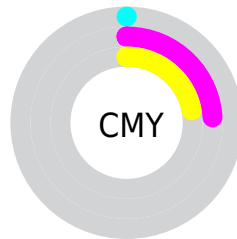


Cyan (0%)

Magenta (24%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4771, 0.3598, 0.3240 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 63.4771, 0.3598, 0.3240 by changing the saturation by 10% instead.


 63.4771, 0.3598,
0.3240

 63.4771, 0.3598,
0.3240

437.2989, 0.3373,
0.3267

 46.2273, 0.3651,
0.3233

 109.8575, 0.3519,
0.3250

 32.4252, 0.3718,
0.3224


139.7569, 0.3488,
0.3254

 21.6865, 0.3804,
0.3211


174.6417, 0.3462,
0.3257

 13.6267, 0.3918,
0.3193

214.8961, 0.3439,
0.3260

 7.8615, 0.4079,
0.3165

260.9047, 0.3420,
0.3262

 4.0065, 0.4321,
0.3120

313.0517, 0.3402,

 1.6772, 0.4720,

0.3264

0.3032


371.7217, 0.3387,
0.3265


 0.4088, 0.6921,
0.2974

 0.0000, 0.0000,
0.0000


 63.4771, 0.3598,
0.3240


 63.4771, 0.3598,
0.3240

 52.1608, 0.3877,
0.3219

 76.9102, 0.3373,
0.3261

 42.8450, 0.4218,
0.3199

 92.5508, 0.3193,
0.3282

 35.4158, 0.4621,
0.3184

99.9932, 0.3127,
0.3290

 29.7445, 0.5073,
0.3178

■ 25.6858, 0.5534,
0.3185

■ 23.0716, 0.5943,
0.3209

■ 21.6965, 0.6233,
0.3245

■ 21.3051, 0.6336,
0.3264

Harmonies

Analogous

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



63.4771, 0.3346, 0.3012



63.4771, 0.3598, 0.3240



63.4771, 0.3719, 0.3489

Triad

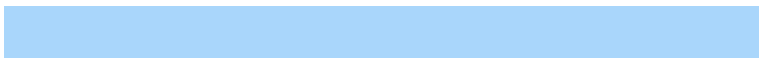
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.4771, 0.3598, 0.3240



63.4771, 0.3190, 0.3782



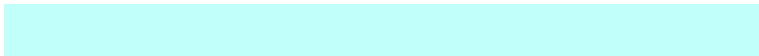
63.4771, 0.2605, 0.2861

Complementary

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



63.4771, 0.3598, 0.3240



89.7406, 0.2793, 0.3341

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.



63.4771, 0.2570, 0.3046



63.4771, 0.3598, 0.3240



63.4771, 0.2898, 0.3593

Square

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



63.4771, 0.3598, 0.3240



63.4771, 0.3475, 0.3817



63.4771, 0.2674, 0.3315



63.4771, 0.2774, 0.2796

Rectangle

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



63.4771, 0.3598, 0.3240



63.4771, 0.3706, 0.3639



63.4771, 0.2674, 0.3315



63.4771, 0.2578, 0.2910

Sweetspot

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



63.4800, 0.3598, 0.3240



88.1223, 0.3238, 0.3276



65.6559, 0.3117, 0.2676



18.6539, 0.3248, 0.3275



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.



63.4800, 0.3598, 0.3240



57.9144, 0.3722, 0.3230



75.6803, 0.3577, 0.3555



18.0106, 0.3282, 0.3271



11.1441, 0.6316, 0.3253



1.0928, 0.6137, 0.3155

Inverse Universe

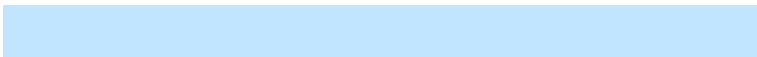
The Inverse Universe completely reimagines the original color for something new.



63.4800, 0.3598, 0.3240



57.9144, 0.3722, 0.3230



74.6833, 0.2744, 0.3009



18.0106, 0.3282, 0.3271



11.1441, 0.6316, 0.3253



1.0928, 0.6137, 0.3155

Previews

White Background



This preview shows how the Yxy color 63.4771, 0.3598, 0.3240 looks on a white background.

Color Contrast Check

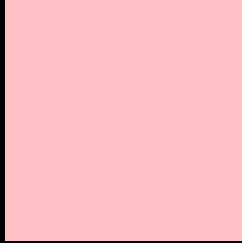
Large Text (above 18pt) WCAG AA × Fail

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 63.4771, 0.3598, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

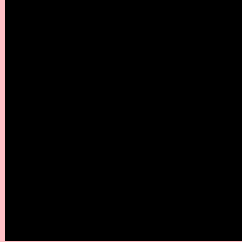
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4771, 0.3598, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 63.4771, 0.3598, 0.3240.



This preview shows how white text looks on a background with the Yxy color 63.4771, 0.3598, 0.3240.

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

63.4771, 0.3598, 0.3240

Protanopia

63.7141, 0.3179, 0.3313

Deuteranopia

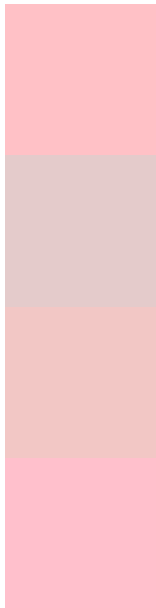
63.7190, 0.3425, 0.3357



Tritanopia

63.4643, 0.3526, 0.3137

Trichromacy



Original Color

63.4771, 0.3598, 0.3240

Protanomaly

63.5176, 0.3322, 0.3291

Deuteranomaly

63.7553, 0.3487, 0.3313

Tritanomaly

63.3189, 0.3551, 0.3167

Monochromacy



Original Color

63.4771, 0.3598, 0.3240

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.6616, 0.3290, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4771, 0.3598, 0.3240 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 198) }
```

Border

The CSS property to change the border of an element to Yxy 63.4771, 0.3598, 0.3240 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, 198) }
```

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

```
.border{ border-color:rgb(255, 193, 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, 193, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4771, 0.3598, 0.3240 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, 198) }
```

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

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