

Converting Colors

Yxy(57.6614, 0.3694, 0.3237)

Have a look what the booklet for
Yxy(57.6614, 0.3694, 0.3237)
contains.

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Color

Yxy(57.7392, 0.3693, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	FCB6BB
RGB	252, 182, 187
RGB Percent	99%, 71%, 73%
CMY	0.0119, 0.2862, 0.2666
CMYK	0.00, 0.28, 0.26, 0.01
HSL	356°, 92%, 85%
HSV	356°, 28%, 99%
XYZ	65.8323, 57.7392, 54.6909
YIQ	203.5000, 40.1150, 16.3950

Conversions

Conversions Part 2

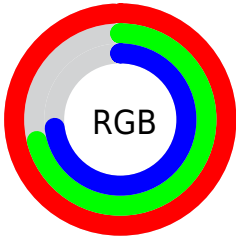
Format	Color
R _Y B	252, 182, 187
Decimal	16561851
CIE Lab	80.59, 26.04, 7.56
CIE LCh	81, 27.112, 16.188
Yxy	57.7392, 0.3693, 0.3239
Android (android.graphics.Color)	4294751931 (0xFFFCB6BB)
YUV	203.5000, -8.1345, 42.5345
Hunter-Lab	75.9863, 21.6711, 10.5166

Details

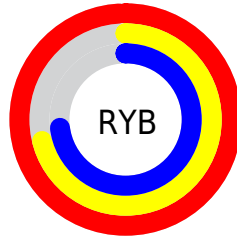
The Yxy color **57.7392, 0.3693, 0.3239** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.2587, 0.2747, 0.3343**, and the grayscale version is **60.0860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8801, 0.3209, 0.3242**, and **28.8911, 0.3839, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **47.4099, 0.3996, 0.3220**, and if you desaturate by 10%, it is **70.0939, 0.3448, 0.3258**.

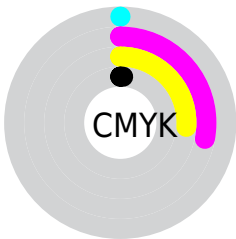
Distribution



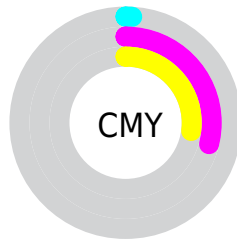
- Red (99%)
- Green (71%)
- Blue (73%)



- Red (99%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)
- Black (1%)




- Cyan (1%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7392, 0.3693, 0.3239 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 57.7392, 0.3693, 0.3239 by changing the saturation by 10% instead.

 57.7392, 0.3693,
0.3239

 57.7392, 0.3693,
0.3239


416.2134, 0.3418,
0.3268

 41.5990, 0.3759,
0.3231


 101.5430, 0.3595,
0.3250

 28.7874, 0.3843,
0.3220


129.9754, 0.3558,
0.3254

 18.9201, 0.3952,
0.3204


163.2739, 0.3526,
0.3258

 11.6125, 0.4099,
0.3181

201.8231, 0.3498,
0.3261

 6.4804, 0.4309,
0.3145

246.0072, 0.3474,
0.3263

 3.1394, 0.4631,
0.3081

296.2107, 0.3453,

 1.2049, 0.5200,

0.3265

0.2961


352.8180, 0.3435,
0.3267

 0.0657, 0.9140,
0.0860


 0.0000, 0.0000,
0.0000

 57.7392, 0.3693,
0.3239


 57.7392, 0.3693,
0.3239


 47.4099, 0.3996,
0.3220


 70.0939, 0.3448,
0.3258

 38.9904, 0.4362,
0.3204

 84.5654, 0.3252,
0.3277

 32.3659, 0.4788,
0.3193

 99.4282, 0.3108,
0.3290

 27.4061, 0.5251,
0.3192

■ 23.9629, 0.5703,
0.3204

■ 21.8622, 0.6076,
0.3230

■ 20.8735, 0.6310,
0.3264

■ 20.7317, 0.6345,
0.3269

Harmonies

Analogous

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



57.7392, 0.3397, 0.2973



57.7392, 0.3693, 0.3239



57.7392, 0.3829, 0.3529

Triad

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



57.7392, 0.3693, 0.3239



57.7392, 0.3185, 0.3871



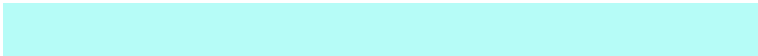
57.7392, 0.2520, 0.2779

Complementary

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



57.7392, 0.3693, 0.3239



86.2587, 0.2747, 0.3343

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.



57.7392, 0.2473, 0.2988



57.7392, 0.3693, 0.3239



57.7392, 0.2843, 0.3639

Square

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



57.7392, 0.3693, 0.3239



57.7392, 0.3523, 0.3916



57.7392, 0.2587, 0.3304



57.7392, 0.2721, 0.2712

Rectangle

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



57.7392, 0.3693, 0.3239



57.7392, 0.3807, 0.3706



57.7392, 0.2587, 0.3304



57.7392, 0.2487, 0.2834

Sweetspot

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



57.7419, 0.3693, 0.3239



86.5071, 0.3256, 0.3276



60.1084, 0.3114, 0.2587



18.0081, 0.3283, 0.3273



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.



57.7419, 0.3693, 0.3239



53.4973, 0.3845, 0.3229



70.7369, 0.3654, 0.3595



17.2453, 0.3283, 0.3273



10.8107, 0.6326, 0.3259



1.0080, 0.6156, 0.3165

Inverse Universe

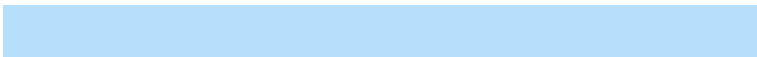
The Inverse Universe completely reimagines the original color for something new.



57.7419, 0.3693, 0.3239



53.4973, 0.3845, 0.3229



69.6534, 0.2689, 0.2964



17.2453, 0.3283, 0.3273



10.8107, 0.6326, 0.3259



1.0080, 0.6156, 0.3165

Previews

White Background



This preview shows how the Yxy color 57.7392, 0.3693, 0.3239 looks on a white background.

Color Contrast Check

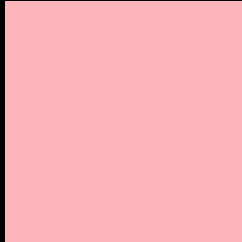
Large Text (above 18pt) WCAG AA × Fail

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 57.7392, 0.3693, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

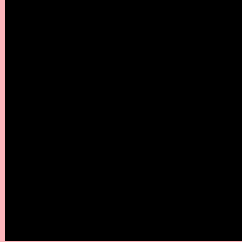
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7392, 0.3693, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 57.7392, 0.3693, 0.3239.



This preview shows how white text looks on a background with the Yxy color 57.7392, 0.3693, 0.3239.

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

57.7392, 0.3693, 0.3239

Protanopia

57.8572, 0.3189, 0.3314

Deuteranopia

57.6503, 0.3454, 0.3382



Tritanopia

57.8705, 0.3634, 0.3145

Trichromacy



Original Color

57.7392, 0.3693, 0.3239

Protanomaly

57.5198, 0.3365, 0.3291

Deuteranomaly

57.6025, 0.3539, 0.3325

Tritanomaly

57.7362, 0.3661, 0.3176

Monochromacy



Original Color

57.7392, 0.3693, 0.3239

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

58.9292, 0.3313, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7392, 0.3693, 0.3239 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(252, 182, 187)` looks like.

```
.text, #text, p{  
    color:rgb(252, 182, 187)  
}
```

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(252, 182, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 182, 187) }
```

Border

The CSS property to change the border of an element to Yxy 57.7392, 0.3693, 0.3239 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(252, 182, 187) }
```

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

```
.border{ border-color:rgb(252, 182, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 182, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 182, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 182, 187);  
box-shadow:4px 4px 4px 4px rgb(252, 182,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7392, 0.3693, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 182, 187) }
```

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

```
.background{ background-color: rgb(252,  
182, 187) }
```

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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