

Converting Colors

Yxy(59.0678, 0.3694, 0.3231)

Have a look what the booklet for
Yxy(59.0678, 0.3694, 0.3231)
contains.

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Color

Yxy(59.2151, 0.3696, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8BD
RGB	255, 184, 189
RGB Percent	100%, 72%, 74%
CMY	0.0000, 0.2784, 0.2587
CMYK	0.00, 0.28, 0.26, 0.00
HSL	356°, 100%, 86%
HSV	356°, 28%, 100%
XYZ	67.5699, 59.2151, 56.0340
YIQ	205.7990, 40.7110, 16.6070

Conversions

Conversions Part 2

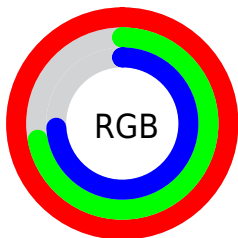
Format	Color
R _Y B	255, 184, 189
Decimal	16758973
CIE Lab	81.41, 26.38, 7.67
CIE LCh	81, 27.471, 16.223
Yxy	59.2151, 0.3696, 0.3239
Android (android.graphics.Color)	4294949053 (0xFFFFB8BD)
YUV	205.7990, -8.2819, 43.1493
Hunter-Lab	76.9513, 22.0736, 10.6924

Details

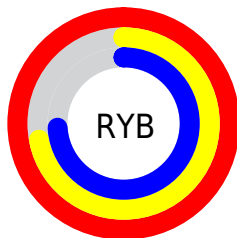
The Yxy color **59.2151, 0.3696, 0.3239** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.6102, 0.2746, 0.3343**, and the grayscale version is **61.6230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1727, 0.3195, 0.3242**, and **29.6132, 0.3845, 0.3212** is the 20% darker color. If you saturate the color by 10%, you get **48.6143, 0.4000, 0.3220**, and if you desaturate by 10%, it is **71.8975, 0.3450, 0.3258**.

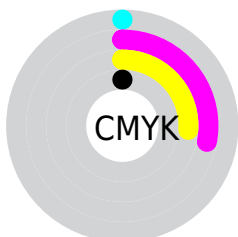
Distribution



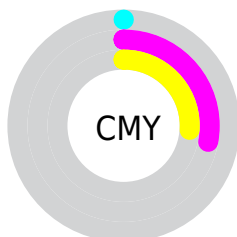
- Red (100%)
- Green (72%)
- Blue (74%)



- Red (100%)
- Yellow (72%)
- Blue (74%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2151, 0.3696, 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 59.2151, 0.3696, 0.3239 by changing the saturation by 10% instead.


 59.2151, 0.3696,
0.3239

 59.2151, 0.3696,
0.3239


421.6986, 0.3421,
0.3268

 42.7863, 0.3762,
0.3231


 103.6902, 0.3598,
0.3250

 29.7175, 0.3845,
0.3220


132.5053, 0.3561,
0.3254

 19.6242, 0.3953,
0.3205


166.2180, 0.3529,
0.3258

 12.1222, 0.4098,
0.3182

205.2126, 0.3501,
0.3261

 6.8270, 0.4305,
0.3147

249.8736, 0.3477,
0.3263

 3.3541, 0.4619,
0.3085

300.5853, 0.3456,

 1.3193, 0.5154,

0.3265

0.2962

357.7322, 0.3437,
0.3267

0.1561, 0.8354,
0.1646

0.0000, 0.0000,
0.0000

59.2151, 0.3696,
0.3239

59.2151, 0.3696,
0.3239

48.6143, 0.4000,
0.3220

71.8975, 0.3450,
0.3258

39.9781, 0.4367,
0.3204

86.7578, 0.3254,
0.3276

33.1874, 0.4794,
0.3194

100.0000, 0.3127,
0.3290

28.1079, 0.5258,
0.3193

■ 24.5868, 0.5710,
0.3205

■ 22.4444, 0.6080,
0.3231

■ 21.4421, 0.6312,
0.3265

■ 21.3040, 0.6346,
0.3269

Harmonies

Analogous

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



59.2151, 0.3398, 0.2972



59.2151, 0.3696, 0.3239



59.2151, 0.3832, 0.3531

Triad

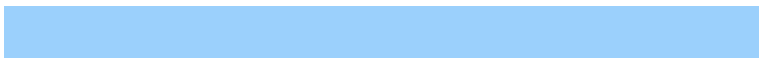
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.2151, 0.3696, 0.3239



59.2151, 0.3184, 0.3874



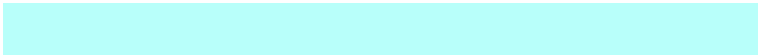
59.2151, 0.2518, 0.2777

Complementary

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



59.2151, 0.3696, 0.3239



88.6102, 0.2746, 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.



59.2151, 0.2470, 0.2986



59.2151, 0.3696, 0.3239



59.2151, 0.2841, 0.3640

Square

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



59.2151, 0.3696, 0.3239



59.2151, 0.3525, 0.3919



59.2151, 0.2584, 0.3303



59.2151, 0.2719, 0.2710

Rectangle

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



59.2151, 0.3696, 0.3239



59.2151, 0.3810, 0.3708



59.2151, 0.2584, 0.3303



59.2151, 0.2484, 0.2831

Sweetspot

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



59.2172, 0.3696, 0.3239



86.5068, 0.3256, 0.3276



61.6565, 0.3114, 0.2585



18.0080, 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.



59.2172, 0.3696, 0.3239



53.4964, 0.3845, 0.3229



72.6035, 0.3657, 0.3596



18.0080, 0.3283, 0.3273



11.1394, 0.6328, 0.3259



1.0915, 0.6166, 0.3170

Inverse Universe

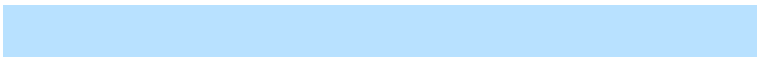
The Inverse Universe completely reimagines the original color for something new.



59.2172, 0.3696, 0.3239



53.4964, 0.3845, 0.3229



71.4867, 0.2687, 0.2962



18.0080, 0.3283, 0.3273



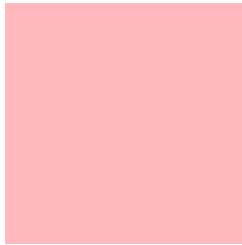
11.1394, 0.6328, 0.3259



1.0915, 0.6166, 0.3170

Previews

White Background



This preview shows how the Yxy color 59.2151, 0.3696, 0.3239 looks on a white background.

Color Contrast Check

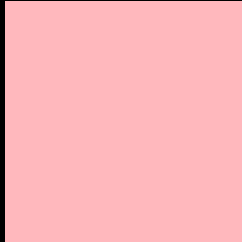
Large Text (above 18pt) WCAG AA × Fail

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 59.2151, 0.3696, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

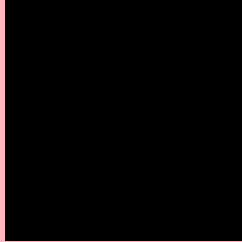
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2151, 0.3696, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 59.2151, 0.3696, 0.3239.



This preview shows how white text looks on a background with the Yxy color 59.2151, 0.3696, 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

59.2151, 0.3696, 0.3239

Protanopia

59.6300, 0.3188, 0.3325

Deuteranopia

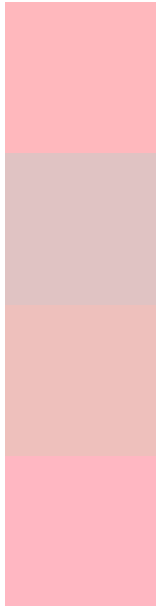
59.5617, 0.3457, 0.3392



Tritanopia

59.1582, 0.3629, 0.3146

Trichromacy



Original Color

59.2151, 0.3696, 0.3239

Protanomaly

58.8176, 0.3363, 0.3291

Deuteranomaly

59.5073, 0.3541, 0.3335

Tritanomaly

59.0220, 0.3655, 0.3177

Monochromacy



Original Color

59.2151, 0.3696, 0.3239

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.4056, 0.3320, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2151, 0.3696, 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(255, 184, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 189)  
}
```

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, 184, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 189) }
```

Border

The CSS property to change the border of an element to Yxy 59.2151, 0.3696, 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(255, 184, 189) }
```

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

```
.border{ border-color:rgb(255, 184, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2151, 0.3696, 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(255, 184, 189) }
```

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

```
.background{ background-color: rgb(255,  
184, 189) }
```

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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