

Converting Colors

$Yxy(65.1366, 0.3811, 0.3155)$

Have a look what the booklet for
Yxy(65.1366, 0.3811, 0.3155)
contains.

Yxy(60.0814, 0.3608, 0.3146)	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(60.0814, 0.3608, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9C7
RGB	255, 185, 199
RGB Percent	100%, 73%, 78%
CMY	0.0000, 0.2745, 0.2196
CMYK	0.00, 0.27, 0.22, 0.00
HSL	348°, 100%, 86%
HSV	348°, 27%, 100%
XYZ	68.9045, 60.0814, 61.9912
YIQ	207.5260, 37.2260, 19.1940

Conversions

Conversions Part 2

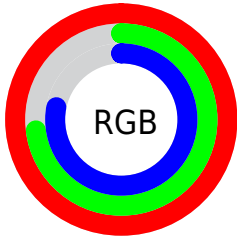
Format	Color
R _Y B	255, 185, 199
Decimal	16759239
CIE Lab	81.88, 27.26, 3.00
CIE LCh	82, 27.423, 6.281
Yxy	60.0814, 0.3608, 0.3146
Android (android.graphics.Color)	4294949319 (0xFFFFB9C7)
YUV	207.5260, -4.2033, 41.6347
Hunter-Lab	77.5122, 23.0314, 6.8407

Details

The Yxy color **60.0814, 0.3608, 0.3146** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.1847, 0.2795, 0.3441**, and the grayscale version is **62.7595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **30.1472, 0.3734, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **49.4647, 0.3864, 0.3092**, and if you desaturate by 10%, it is **72.7328, 0.3399, 0.3201**.

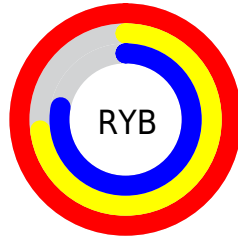
Distribution



Red (100%)

Green (73%)

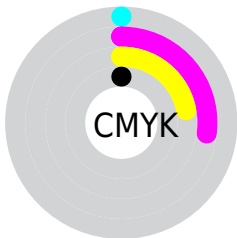
Blue (78%)



Red (100%)

Yellow (73%)

Blue (78%)

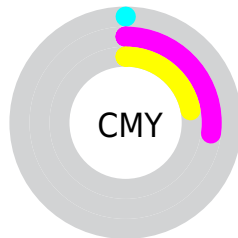


Cyan (0%)

Magenta (27%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0814, 0.3608, 0.3146 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 60.0814, 0.3608, 0.3146 by changing the saturation by 10% instead.


 60.0814, 0.3608,
0.3146

 60.0814, 0.3608,
0.3146

424.8977, 0.3377,
0.3217

 43.4842, 0.3663,
0.3129


 104.9477, 0.3526,
0.3171

 30.2652, 0.3732,
0.3107


133.9857, 0.3495,
0.3181

 20.0400, 0.3822,
0.3078


167.9394, 0.3468,
0.3189

 12.4241, 0.3942,
0.3039

207.1933, 0.3445,
0.3196

 7.0332, 0.4112,
0.2982

252.1316, 0.3425,
0.3203

 3.4829, 0.4370,
0.2894


303.1389, 0.3407,

 1.3887, 0.4805,


0.3208

0.2738

360.5995, 0.3391,
0.3213


 0.2084, 0.7929,
0.1913

 0.0000, 0.0000,
0.0000

 60.0814, 0.3608,
0.3146


 60.0814, 0.3608,
0.3146

 49.4647, 0.3864,
0.3092

 72.7328, 0.3399,
0.3201

 40.7837, 0.4173,
0.3042

 87.5267, 0.3231,
0.3253

 33.9184, 0.4535,
0.3003

100.0000, 0.3127,
0.3290

 28.7390, 0.4940,
0.2985

■ 25.0981, 0.5358,
0.2996

■ 22.8226, 0.5746,
0.3044

■ 21.6882, 0.6051,
0.3123

■ 21.4988, 0.6116,
0.3143

Harmonies

Analogous

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



60.0814, 0.3279, 0.2901



60.0814, 0.3608, 0.3146



60.0814, 0.3805, 0.3434

Triad

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



60.0814, 0.3608, 0.3146



60.0814, 0.3301, 0.3907



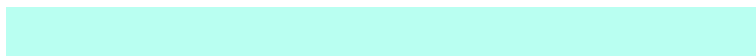
60.0814, 0.2488, 0.2834

Complementary

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



60.0814, 0.3608, 0.3146



88.1847, 0.2795, 0.3441

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.



60.0814, 0.2494, 0.3084



60.0814, 0.3608, 0.3146



60.0814, 0.2951, 0.3732

Square

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



60.0814, 0.3608, 0.3146



60.0814, 0.3617, 0.3888



60.0814, 0.2659, 0.3418



60.0814, 0.2640, 0.2720

Rectangle

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



60.0814, 0.3608, 0.3146



60.0814, 0.3828, 0.3621



60.0814, 0.2659, 0.3418



60.0814, 0.2472, 0.2904

Sweetspot

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



60.0786, 0.3608, 0.3146



86.6609, 0.3239, 0.3250



60.6162, 0.3052, 0.2581



18.0464, 0.3263, 0.3243



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.



60.0786, 0.3608, 0.3146



53.9459, 0.3743, 0.3116



68.9033, 0.3670, 0.3509



18.0464, 0.3263, 0.3243



11.2503, 0.6080, 0.3123



1.1100, 0.5782, 0.2959

Inverse Universe

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



60.0786, 0.3608, 0.3146



53.9459, 0.3743, 0.3116



76.3783, 0.2703, 0.3059



18.0464, 0.3263, 0.3243



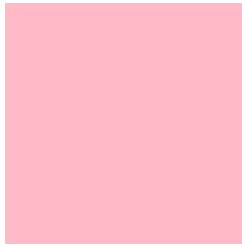
11.2503, 0.6080, 0.3123



1.1100, 0.5782, 0.2959

Previews

White Background



This preview shows how the Yxy color 60.0814, 0.3608, 0.3146 looks on a white background.

Color Contrast Check

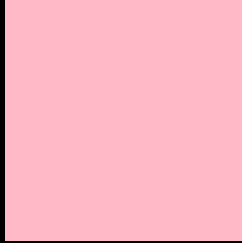
Large Text (above 18pt) WCAG AA × Fail

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 60.0814, 0.3608, 0.3146 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 60.0814, 0.3608, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 60.0814, 0.3608, 0.3146.



This preview shows how white text looks on a background with the Yxy color 60.0814, 0.3608, 0.3146.

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

60.0814, 0.3608, 0.3146

Protanopia

60.4371, 0.3108, 0.3220

Deuteranopia

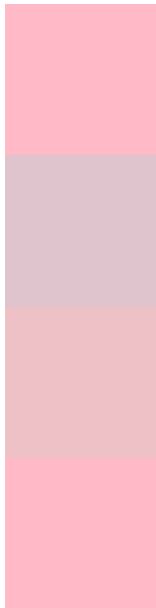
60.1325, 0.3361, 0.3291



Tritanopia

60.0814, 0.3608, 0.3146

Trichromacy



Original Color

60.0814, 0.3608, 0.3146

Protanomaly

59.7349, 0.3284, 0.3190

Deuteranomaly

60.2217, 0.3450, 0.3236

Tritanomaly

60.0814, 0.3608, 0.3146

Monochromacy



Original Color

60.0814, 0.3608, 0.3146

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.7239, 0.3287, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0814, 0.3608, 0.3146 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, 185, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 199)  
}
```

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, 185, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 199) }
```

Border

The CSS property to change the border of an element to Yxy 60.0814, 0.3608, 0.3146 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, 185, 199) }
```

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

```
.border{ border-color:rgb(255, 185, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0814, 0.3608, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 199) }
```

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

```
.background{ background-color: rgb(255,  
185, 199) }
```

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