

Converting Colors

Yxy(60.4795, 0.3444, 0.2931)

Have a look what the booklet for
Yxy(60.4795, 0.3444, 0.2931)
contains.

Yxy(60.6555, 0.3441, 0.2933)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.6555, 0.3441, 0.2933)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8DB
RGB	255, 184, 219
RGB Percent	100%, 72%, 86%
CMY	0.0001, 0.2784, 0.1411
CMYK	0.00, 0.28, 0.14, 0.00
HSL	330°, 100%, 86%
HSV	330°, 28%, 100%
XYZ	71.1611, 60.6555, 74.9870
YIQ	209.2190, 31.0810, 25.9370

Conversions

Conversions Part 2

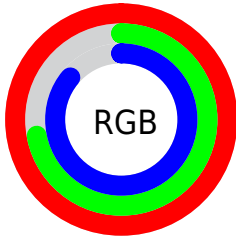
Format	Color
R _Y B	255, 184, 219
Decimal	16759003
CIE Lab	82.19, 30.77, -7.32
CIE LCh	82, 31.629, 346.617
Yxy	60.6555, 0.3441, 0.2933
Android (android.graphics.Color)	4294949083 (0xFFFFB8DB)
YUV	209.2190, 4.8220, 40.1499
Hunter-Lab	77.8816, 26.8041, -2.5692

Details

The Yxy color **60.6555, 0.3441, 0.2933** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.8614, 0.2898, 0.3678**, and the grayscale version is **63.8653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **30.5159, 0.3516, 0.2845** is the 20% darker color. If you saturate the color by 10%, you get **50.3472, 0.3598, 0.2800**, and if you desaturate by 10%, it is **72.9312, 0.3309, 0.3066**.

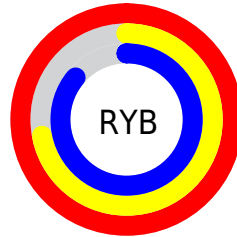
Distribution



Red (100%)

Green (72%)

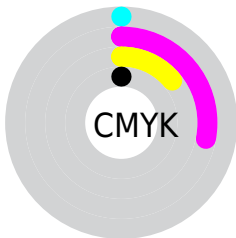
Blue (86%)



Red (100%)

Yellow (72%)

Blue (86%)

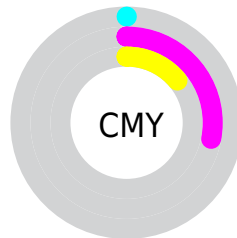


Cyan (0%)

Magenta (28%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6555, 0.3441, 0.2933 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 60.6555, 0.3441, 0.2933 by changing the saturation by 10% instead.


 60.6555, 0.3441,
0.2933

 60.6555, 0.3441,
0.2933


427.0097, 0.3293,
0.3099

 43.9472, 0.3475,
0.2895


 105.7800, 0.3389,
0.2991

 30.6290, 0.3518,
0.2848


134.9649, 0.3369,
0.3013

 20.3165, 0.3573,
0.2788


169.0776, 0.3352,
0.3032

 12.6253, 0.3645,
0.2710

208.5023, 0.3337,
0.3049

 7.1711, 0.3745,
0.2603

253.6235, 0.3324,
0.3064

 3.5693, 0.3892,
0.2449


304.8255, 0.3313,

 1.4357, 0.4130,


0.3077


0.2208

362.4928, 0.3303,
0.3088


 0.2428, 0.4927,
0.1209

 0.0000, 0.0000,
0.0000

 60.6555, 0.3441,
0.2933


 60.6555, 0.3441,
0.2933

 50.3472, 0.3598,
0.2800


 72.9312, 0.3309,
0.3066

 41.8943, 0.3783,
0.2674

 87.2620, 0.3199,
0.3194

 35.1859, 0.3994,
0.2564

99.9950, 0.3127,
0.3290

 30.0962, 0.4230,
0.2484

■ 26.4821, 0.4481,
0.2445

■ 24.1747, 0.4735,
0.2458

■ 22.9490, 0.4978,
0.2526

■ 22.7556, 0.5030,
0.2545

Harmonies

Analogous

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



60.6555, 0.3029, 0.2719



60.6555, 0.3441, 0.2933



60.6555, 0.3781, 0.3233

Triad

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



60.6555, 0.3441, 0.2933



60.6555, 0.3573, 0.4011



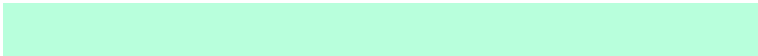
60.6555, 0.2382, 0.2935

Complementary

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



60.6555, 0.3441, 0.2933



86.8614, 0.2898, 0.3678

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.



60.6555, 0.2507, 0.3297



60.6555, 0.3441, 0.2933



60.6555, 0.3184, 0.3960

Square

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



60.6555, 0.3441, 0.2933



60.6555, 0.3853, 0.3850



60.6555, 0.2795, 0.3688



60.6555, 0.2439, 0.2703

Rectangle

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



60.6555, 0.3441, 0.2933



60.6555, 0.3909, 0.3453



60.6555, 0.2795, 0.3688



60.6555, 0.2404, 0.3045

Sweetspot

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



60.6583, 0.3441, 0.2933



87.0199, 0.3201, 0.3192



56.6431, 0.2891, 0.2537



18.1365, 0.3216, 0.3173



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.



60.6583, 0.3441, 0.2933



55.1008, 0.3519, 0.2864



59.0042, 0.3739, 0.3292



18.1365, 0.3216, 0.3173



11.9231, 0.4993, 0.2524



1.1829, 0.4735, 0.2382

Inverse Universe

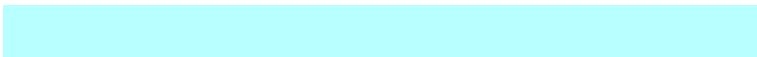
The Inverse Universe completely reimagines the original color for something new.



60.6583, 0.3441, 0.2933



55.1008, 0.3519, 0.2864



88.9139, 0.2721, 0.3289



18.1365, 0.3216, 0.3173



11.9231, 0.4993, 0.2524



1.1829, 0.4735, 0.2382

Previews

White Background



This preview shows how the Yxy color 60.6555, 0.3441, 0.2933 looks on a white background.

Color Contrast Check

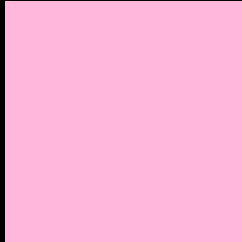
Large Text (above 18pt) WCAG AA × Fail

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 60.6555, 0.3441, 0.2933 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 60.6555, 0.3441, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 60.6555, 0.3441, 0.2933.

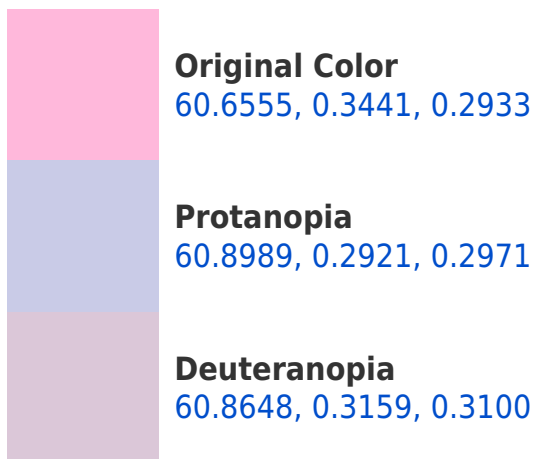


This preview shows how white text looks on a background with the Yxy color 60.6555, 0.3441, 0.2933.

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





Tritanopia

60.6403, 0.3570, 0.3145

Trichromacy



Original Color

60.6555, 0.3441, 0.2933



Protanomaly

60.3981, 0.3097, 0.2949



Deuteranomaly

60.7491, 0.3258, 0.3041



Tritanomaly

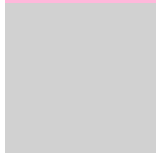
60.7427, 0.3521, 0.3063

Monochromacy



Original Color

60.6555, 0.3441, 0.2933



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

62.2814, 0.3235, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6555, 0.3441, 0.2933 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 219) }
```

Border

The CSS property to change the border of an element to Yxy 60.6555, 0.3441, 0.2933 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, 219) }
```

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

```
.border{ border-color:rgb(255, 184, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6555, 0.3441, 0.2933 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, 219) }
```

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

```
.background{ background-color: rgb(255,  
184, 219) }
```

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