

Converting Colors

Yxy(59.9396, 0.3335, 0.2889)

Have a look what the booklet for
Yxy(59.9396, 0.3335, 0.2889)
contains.

Yxy(59.8539, 0.3334, 0.2885)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.8539, 0.3334, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	F7B9E0
RGB	247, 185, 224
RGB Percent	97%, 73%, 88%
CMY	0.0313, 0.2745, 0.1215
CMYK	0.00, 0.25, 0.09, 0.03
HSL	322°, 80%, 85%
HSV	322°, 25%, 97%
XYZ	69.1691, 59.8539, 78.4428
YIQ	207.9840, 24.4330, 25.2730

Conversions

Conversions Part 2

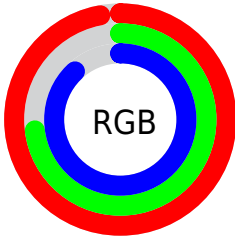
Format	Color
R _Y B	247, 185, 224
Decimal	16234976
CIE Lab	81.76, 28.37, -10.74
CIE LCh	82, 30.332, 339.258
Yxy	59.8539, 0.3334, 0.2885
Android (android.graphics.Color)	4294425056 (0xFFFF7B9E0)
YUV	207.9840, 7.8959, 34.2170
Hunter-Lab	77.3653, 24.2002, -5.9601

Details

The Yxy color **59.8539, 0.3334, 0.2885** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.4027, 0.2965, 0.3733**, and the grayscale version is **63.0045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **30.0443, 0.3382, 0.2783** is the 20% darker color. If you saturate the color by 10%, you get **49.9203, 0.3443, 0.2718**, and if you desaturate by 10%, it is **71.6151, 0.3241, 0.3051**.

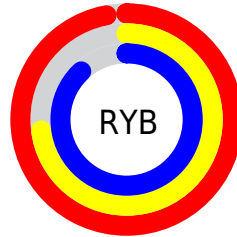
Distribution



Red (97%)

Green (73%)

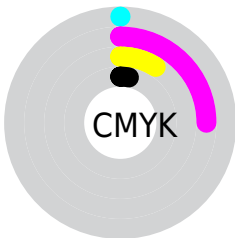
Blue (88%)



Red (97%)

Yellow (73%)

Blue (88%)

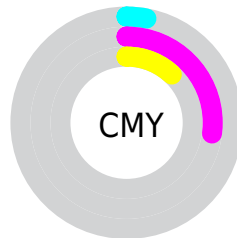


Cyan (0%)

Magenta (25%)

Yellow (9%)

Black (3%)



Cyan (3%)


Magenta (27%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8539, 0.3334, 0.2885 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 59.8539, 0.3334, 0.2885 by changing the saturation by 10% instead.


 59.8539, 0.3334,
0.2885

 59.8539, 0.3334,
0.2885

424.0590, 0.3238,
0.3072

 43.3009, 0.3356,
0.2842


 104.6177, 0.3301,
0.2950

 30.1213, 0.3383,
0.2789


133.5973, 0.3288,
0.2975

 19.9307, 0.3417,
0.2723


167.4878, 0.3277,
0.2997

 12.3446, 0.3462,
0.2635

206.6738, 0.3267,
0.3016

 6.9789, 0.3524,
0.2517

251.5394, 0.3258,
0.3033

 3.4489, 0.3612,
0.2347


302.4693, 0.3251,

 1.3703, 0.3750,


0.3047


0.2084


359.8477, 0.3244,
0.3061


 0.1947, 0.4313,
0.0956


 0.0000, 0.0000,
0.0000


 59.8539, 0.3334,
0.2885


 59.8539, 0.3334,
0.2885


 49.9203, 0.3443,
0.2718


 71.6151, 0.3241,
0.3051


 41.7129, 0.3569,
0.2557

 85.2823, 0.3162,
0.3211

 35.1327, 0.3711,
0.2412

 98.2950, 0.3098,
0.3324

 30.0676, 0.3867,
0.2293

 98.5183, 0.3078,
0.3290

■ 26.3908, 0.4033,
0.2212

■ 23.9547, 0.4203,
0.2180

■ 22.5777, 0.4369,
0.2200

■ 22.1591, 0.4449,
0.2224

Harmonies

Analogous

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



59.8539, 0.2939, 0.2705



59.8539, 0.3334, 0.2885



59.8539, 0.3690, 0.3160

Triad

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



59.8539, 0.3334, 0.2885



59.8539, 0.3637, 0.3963



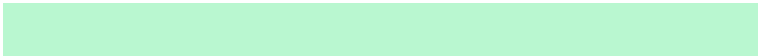
59.8539, 0.2421, 0.3026

Complementary

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



59.8539, 0.3334, 0.2885



81.4027, 0.2965, 0.3733

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.



59.8539, 0.2585, 0.3392



59.8539, 0.3334, 0.2885



59.8539, 0.3279, 0.3967

Square

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



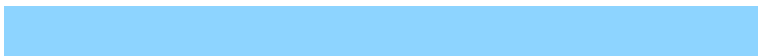
59.8539, 0.3334, 0.2885



59.8539, 0.3866, 0.3772



59.8539, 0.2894, 0.3753



59.8539, 0.2433, 0.2766

Rectangle

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



59.8539, 0.3334, 0.2885



59.8539, 0.3846, 0.3370



59.8539, 0.2894, 0.3753



59.8539, 0.2457, 0.3140

Sweetspot

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



59.8566, 0.3334, 0.2885



87.1902, 0.3184, 0.3166



54.7840, 0.2857, 0.2605



18.1794, 0.3195, 0.3142



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.



59.8566, 0.3334, 0.2885



58.8259, 0.3386, 0.2802



58.3357, 0.3589, 0.3203



16.6580, 0.3195, 0.3142



11.7452, 0.4423, 0.2210



1.0521, 0.4230, 0.2104

Inverse Universe

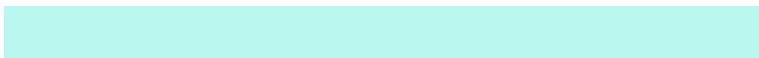
The Inverse Universe completely reimagines the original color for something new.



59.8566, 0.3334, 0.2885



58.8259, 0.3386, 0.2802



83.0662, 0.2800, 0.3380



16.6580, 0.3195, 0.3142



11.7452, 0.4423, 0.2210



1.0521, 0.4230, 0.2104

Previews

White Background



This preview shows how the Yxy color 59.8539, 0.3334, 0.2885 looks on a white background.

Color Contrast Check

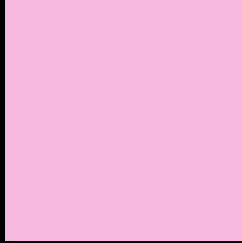
Large Text (above 18pt) WCAG AA × Fail

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 59.8539, 0.3334, 0.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

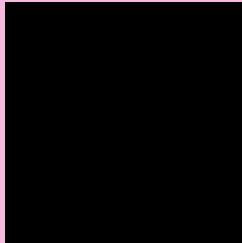
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8539, 0.3334, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 59.8539, 0.3334, 0.2885.



This preview shows how white text looks on a background with the Yxy color 59.8539, 0.3334, 0.2885.

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

59.8539, 0.3334, 0.2885

Protanopia

60.2450, 0.2873, 0.2914

Deuteranopia

60.1092, 0.3086, 0.3021



Tritanopia

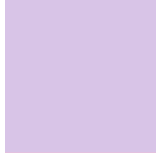
59.9401, 0.3474, 0.3141

Trichromacy



Original Color

59.8539, 0.3334, 0.2885



Protanomaly

59.8483, 0.3030, 0.2903



Deuteranomaly

59.7985, 0.3174, 0.2963



Tritanomaly

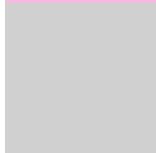
60.0821, 0.3419, 0.3047

Monochromacy



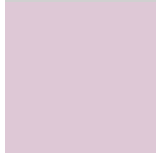
Original Color

59.8539, 0.3334, 0.2885



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.6932, 0.3197, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8539, 0.3334, 0.2885 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(247, 185, 224)` looks like.

```
.text, #text, p{  
    color:rgb(247, 185, 224)  
}
```

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(247, 185, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 185, 224) }
```

Border

The CSS property to change the border of an element to Yxy 59.8539, 0.3334, 0.2885 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(247, 185, 224) }
```

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

```
.border{ border-color:rgb(247, 185, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 185, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 185, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 185, 224);  
box-shadow:4px 4px 4px 4px rgb(247, 185,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8539, 0.3334, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 185, 224) }
```

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

```
.background{ background-color: rgb(247,  
185, 224) }
```

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