

Converting Colors

Yxy(71.6384, 0.3695, 0.2997)

Have a look what the booklet for
Yxy(71.6384, 0.3695, 0.2997)
contains.

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Color

Yxy(63.8493, 0.3399, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFD
RGB	255, 191, 223
RGB Percent	100%, 75%, 87%
CMY	0.0000, 0.2510, 0.1254
CMYK	0.00, 0.25, 0.13, 0.00
HSL	330°, 100%, 87%
HSV	330°, 25%, 100%
XYZ	73.1952, 63.8493, 78.2988
YIQ	213.7840, 27.8720, 23.5200

Conversions

Conversions Part 2

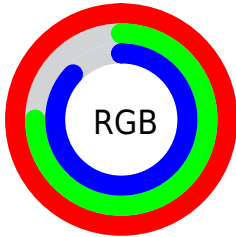
Format	Color
R _Y B	255, 191, 223
Decimal	16760799
CIE Lab	83.89, 27.75, -6.96
CIE LCh	84, 28.613, 345.916
Yxy	63.8493, 0.3399, 0.2965
Android (android.graphics.Color)	4294950879 (0xFFFFBFDf)
YUV	213.7840, 4.5435, 36.1464
Hunter-Lab	79.9058, 23.6743, -2.1636

Details

The Yxy color $63.8493, 0.3399, 0.2965$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.9223, 0.2921, 0.3640$, and the grayscale version is $67.0483, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $32.7242, 0.3468, 0.2888$ is the 20% darker color. If you saturate the color by 10%, you get $53.0185, 0.3547, 0.2830$, and if you desaturate by 10%, it is $76.6706, 0.3275, 0.3099$.

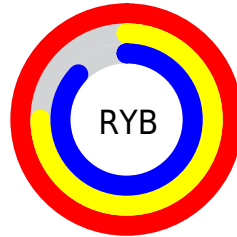
Distribution



Red (100%)

Green (75%)

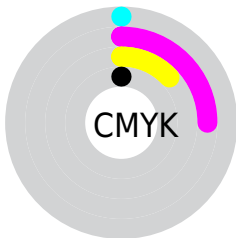
Blue (87%)



Red (100%)

Yellow (75%)

Blue (87%)

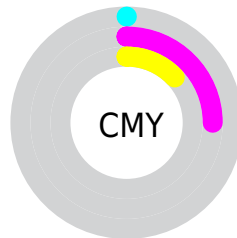


Cyan (0%)

Magenta (25%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8493, 0.3399, 0.2965 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 63.8493, 0.3399, 0.2965 by changing the saturation by 10% instead.

 63.8493, 0.3399,
0.2965

 63.8493, 0.3399,
0.2965


438.6452, 0.3272,
0.3115

 46.5286, 0.3428,
0.2931


 110.3939, 0.3355,
0.3017

 32.6632, 0.3464,
0.2889


140.3866, 0.3338,
0.3037

 21.8685, 0.3511,
0.2835


175.3721, 0.3323,
0.3055

 13.7603, 0.3571,
0.2766

215.7347, 0.3310,
0.3070

 7.9542, 0.3655,
0.2671

261.8590, 0.3299,
0.3083

 4.0656, 0.3776,
0.2536


314.1292, 0.3289,


 1.7103, 0.3970,

0.3095

0.2326


372.9298, 0.3280,
0.3106

 0.4303, 0.4450,
0.1724


 0.0000, 1.0000,
0.0000

 63.8493, 0.3399,
0.2965


 63.8493, 0.3399,
0.2965

 53.0185, 0.3547,
0.2830

 76.6706, 0.3275,
0.3099

 44.0726, 0.3721,
0.2699

 91.5726, 0.3172,
0.3227

 36.9026, 0.3922,
0.2582

100.0000, 0.3127,
0.3290

 31.3862, 0.4147,
0.2490

■ 27.3856, 0.4391,
0.2437

■ 24.7403, 0.4641,
0.2434

■ 23.2527, 0.4884,
0.2487

■ 22.8086, 0.4999,
0.2528

Harmonies

Analogous

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



63.8493, 0.3033, 0.2774



63.8493, 0.3399, 0.2965



63.8493, 0.3703, 0.3235

Triad

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



63.8493, 0.3399, 0.2965



63.8493, 0.3534, 0.3929



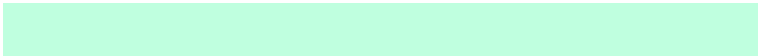
63.8493, 0.2460, 0.2984

Complementary

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



63.8493, 0.3399, 0.2965



87.9223, 0.2921, 0.3640

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.



63.8493, 0.2578, 0.3307



63.8493, 0.3399, 0.2965



63.8493, 0.3189, 0.3885

Square

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



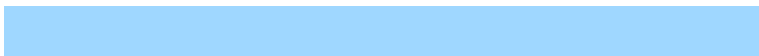
63.8493, 0.3399, 0.2965



63.8493, 0.3778, 0.3788



63.8493, 0.2840, 0.3649



63.8493, 0.2507, 0.2770

Rectangle

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



63.8493, 0.3399, 0.2965



63.8493, 0.3819, 0.3433



63.8493, 0.2840, 0.3649



63.8493, 0.2482, 0.3082

Sweetspot

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



63.8506, 0.3399, 0.2965



87.0288, 0.3200, 0.3191



60.0003, 0.2911, 0.2615



18.1387, 0.3215, 0.3172



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.



63.8506, 0.3399, 0.2965



58.2988, 0.3468, 0.2899



62.3300, 0.3652, 0.3280



18.1387, 0.3215, 0.3172



11.9481, 0.4962, 0.2507



1.1854, 0.4708, 0.2367

Inverse Universe

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



63.8506, 0.3399, 0.2965



58.2988, 0.3468, 0.2899



89.7478, 0.2762, 0.3300



18.1387, 0.3215, 0.3172



11.9481, 0.4962, 0.2507



1.1854, 0.4708, 0.2367

Previews

White Background



This preview shows how the Yxy color 63.8493, 0.3399, 0.2965 looks on a white background.

Color Contrast Check

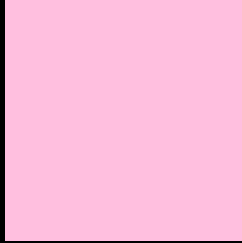
Large Text (above 18pt) WCAG AA × Fail

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 63.8493, 0.3399, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

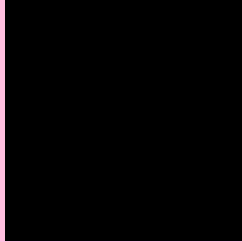
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.8493, 0.3399, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 63.8493, 0.3399, 0.2965.



This preview shows how white text looks on a background with the Yxy color 63.8493, 0.3399, 0.2965.

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

63.8493, 0.3399, 0.2965

Protanopia

64.1741, 0.2938, 0.2999

Deuteranopia

63.9399, 0.3167, 0.3093



Tritanopia

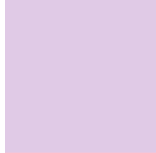
63.5766, 0.3500, 0.3136

Trichromacy



Original Color

63.8493, 0.3399, 0.2965



Protanomaly

63.8015, 0.3096, 0.2986



Deuteranomaly

63.9536, 0.3247, 0.3045



Tritanomaly

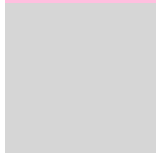
63.5742, 0.3470, 0.3075

Monochromacy



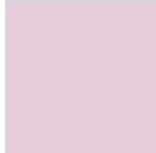
Original Color

63.8493, 0.3399, 0.2965



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.8104, 0.3224, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8493, 0.3399, 0.2965 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, 191, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 223)  
}
```

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, 191, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 223) }
```

Border

The CSS property to change the border of an element to Yxy 63.8493, 0.3399, 0.2965 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, 191, 223) }
```

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

```
.border{ border-color:rgb(255, 191, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8493, 0.3399, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 223) }
```

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

```
.background{ background-color: rgb(255,  
191, 223) }
```

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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