

Converting Colors

$Yxy(67.6677, 0.3393, 0.3060)$

Have a look what the booklet for
Yxy(67.6677, 0.3393, 0.3060)
contains.

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Color

Yxy(67.8425, 0.3395, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8DE
RGB	255, 200, 222
RGB Percent	100%, 78%, 87%
CMY	0.0000, 0.2158, 0.1293
CMYK	0.00, 0.22, 0.13, 0.00
HSL	336°, 100%, 89%
HSV	336°, 22%, 100%
XYZ	75.0979, 67.8425, 78.2611
YIQ	218.9530, 25.7180, 18.5020

Conversions

Conversions Part 2

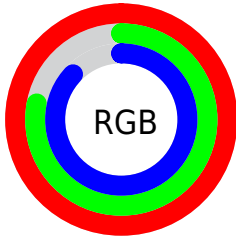
Format	Color
R _Y B	255, 200, 222
Decimal	16763102
CIE Lab	85.93, 22.90, -3.42
CIE LCh	86, 23.149, 351.514
Yxy	67.8425, 0.3395, 0.3067
Android (android.graphics.Color)	4294953182 (0xFFFFC8DE)
YUV	218.9530, 1.5022, 31.6132
Hunter-Lab	82.3666, 18.6063, 1.3218

Details

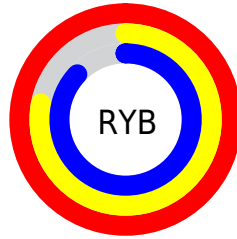
The Yxy color **67.8425, 0.3395, 0.3067** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.6770, 0.2920, 0.3525**, and the grayscale version is **70.7722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3536, 0.3461, 0.3018** is the 20% darker color. If you saturate the color by 10%, you get **56.2100, 0.3562, 0.2958**, and if you desaturate by 10%, it is **81.5022, 0.3256, 0.3174**.

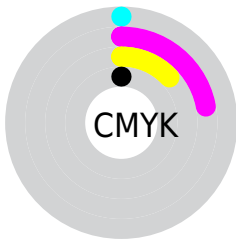
Distribution



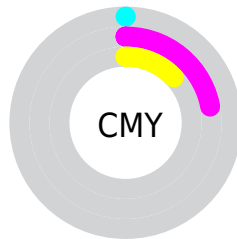
- Red (100%)
- Green (78%)
- Blue (87%)



- Red (100%)
- Yellow (78%)
- Blue (87%)



- Cyan (0%)
- Magenta (22%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.8425, 0.3395, 0.3067 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 67.8425, 0.3395, 0.3067 by changing the saturation by 10% instead.


 67.8425, 0.3395,
0.3067

 67.8425, 0.3395,
0.3067


452.9378, 0.3270,
0.3170

 49.7696, 0.3424,
0.3043


116.1268, 0.3352,
0.3103

 35.2304, 0.3459,
0.3014


147.1070, 0.3335,
0.3117

 23.8404, 0.3505,
0.2978


183.1584, 0.3320,
0.3129

 15.2153, 0.3564,
0.2930

224.6655, 0.3308,
0.3139

 8.9706, 0.3646,
0.2864

272.0125, 0.3297,
0.3148

 4.7220, 0.3766,
0.2770

325.5840, 0.3287,

 2.0851, 0.3956,

0.3156

0.2623

385.7643, 0.3278,
0.3164

0.6562, 0.4333,
0.2310

0.0000, 1.0000,
0.0000

67.8425, 0.3395,
0.3067

67.8425, 0.3395,
0.3067

56.2100, 0.3562,
0.2958

81.5022, 0.3256,
0.3174

46.5302, 0.3763,
0.2850

97.3070, 0.3143,
0.3275

38.6867, 0.4000,
0.2752

100.0000, 0.3127,
0.3290

32.5610, 0.4272,
0.2673

■ 28.0202, 0.4571,
0.2627

■ 24.9120, 0.4884,
0.2627

■ 23.0530, 0.5188,
0.2681

■ 22.2228, 0.5424,
0.2761

Harmonies

Analogous

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



67.8425, 0.3108, 0.2897



67.8425, 0.3395, 0.3067



67.8425, 0.3614, 0.3294

Triad

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



67.8425, 0.3395, 0.3067



67.8425, 0.3406, 0.3799



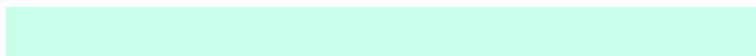
67.8425, 0.2589, 0.3011

Complementary

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



67.8425, 0.3395, 0.3067



89.6770, 0.2920, 0.3525

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.



67.8425, 0.2661, 0.3255



67.8425, 0.3395, 0.3067



67.8425, 0.3125, 0.3731

Square

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



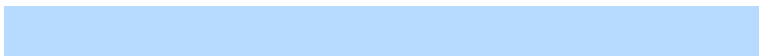
67.8425, 0.3395, 0.3067



67.8425, 0.3618, 0.3719



67.8425, 0.2854, 0.3526



67.8425, 0.2652, 0.2857

Rectangle

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



67.8425, 0.3395, 0.3067



67.8425, 0.3687, 0.3454



67.8425, 0.2854, 0.3526



67.8425, 0.2598, 0.3085

Sweetspot

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



67.8341, 0.3395, 0.3067



90.0471, 0.3190, 0.3231



65.6871, 0.2985, 0.2724



19.0521, 0.3198, 0.3224



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.



67.8341, 0.3395, 0.3067



62.4462, 0.3465, 0.3019



68.8835, 0.3557, 0.3338



18.1077, 0.3231, 0.3195



11.6395, 0.5381, 0.2738



1.1542, 0.5080, 0.2572

Inverse Universe

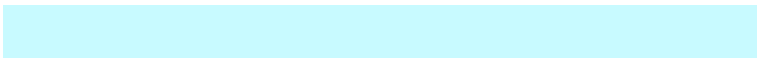
The Inverse Universe completely reimagines the original color for something new.



67.8341, 0.3395, 0.3067



62.4462, 0.3465, 0.3019



88.1258, 0.2802, 0.3241



18.1077, 0.3231, 0.3195



11.6395, 0.5381, 0.2738



1.1542, 0.5080, 0.2572

Previews

White Background



This preview shows how the Yxy color 67.8425, 0.3395, 0.3067 looks on a white background.

Color Contrast Check

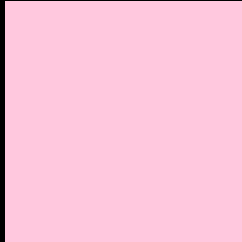
Large Text (above 18pt) WCAG AA × Fail

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 67.8425, 0.3395, 0.3067 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 67.8425, 0.3395, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 67.8425, 0.3395, 0.3067.

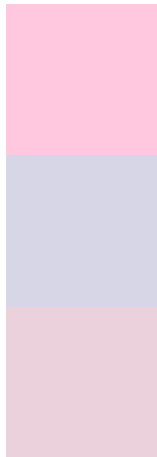


This preview shows how white text looks on a background with the Yxy color 67.8425, 0.3395, 0.3067.

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

67.8425, 0.3395, 0.3067

Protanopia

68.2534, 0.3028, 0.3115

Deuteranopia

68.2607, 0.3238, 0.3173



Tritanopia

67.8020, 0.3431, 0.3138

Trichromacy



Original Color

67.8425, 0.3395, 0.3067

Protanomaly

67.9700, 0.3158, 0.3098

Deuteranomaly

68.2403, 0.3294, 0.3133

Tritanomaly

67.9061, 0.3416, 0.3117

Monochromacy



Original Color

67.8425, 0.3395, 0.3067

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.4101, 0.3220, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8425, 0.3395, 0.3067 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, 200, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 222)  
}
```

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, 200, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 222) }
```

Border

The CSS property to change the border of an element to Yxy 67.8425, 0.3395, 0.3067 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, 200, 222) }
```

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

```
.border{ border-color:rgb(255, 200, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8425, 0.3395, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 222) }
```

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

```
.background{ background-color: rgb(255,  
200, 222) }
```

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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