

Converting Colors

Yxy(67.5834, 0.3377, 0.3032)

Have a look what the booklet for
Yxy(67.5834, 0.3377, 0.3032)
contains.

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Color

Yxy(67.5431, 0.3373, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7E1
RGB	255, 199, 225
RGB Percent	100%, 78%, 88%
CMY	0.0000, 0.2196, 0.1175
CMYK	0.00, 0.22, 0.12, 0.00
HSL	332°, 100%, 89%
HSV	332°, 22%, 100%
XYZ	75.2636, 67.5431, 80.3288
YIQ	218.7080, 25.0300, 19.9580

Conversions

Conversions Part 2

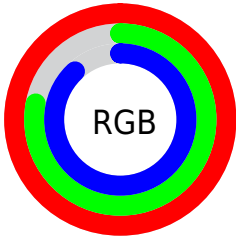
Format	Color
R_{YB}	255, 199, 225
Decimal	16762849
CIE _{Lab}	85.78, 23.88, -5.24
CIE _{LCh}	86, 24.450, 347.627
Yxy	67.5431, 0.3373, 0.3027
Android (android.graphics.Color)	4294952929 (0xFFFFC7E1)
YUV	218.7080, 3.1020, 31.8281
Hunter-Lab	82.1846, 19.6449, -0.4219

Details

The Yxy color **67.5431, 0.3373, 0.3027** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.3160, 0.2935, 0.3569**, and the grayscale version is **70.5897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1588, 0.3432, 0.2967** is the 20% darker color. If you saturate the color by 10%, you get **56.0595, 0.3523, 0.2901**, and if you desaturate by 10%, it is **81.0498, 0.3248, 0.3150**.

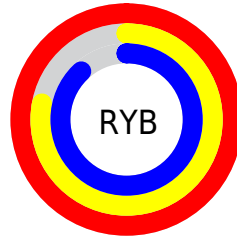
Distribution



Red (100%)

Green (78%)

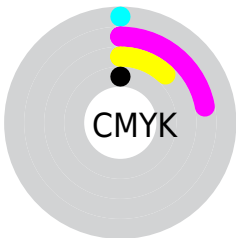
Blue (88%)



Red (100%)

Yellow (78%)

Blue (88%)

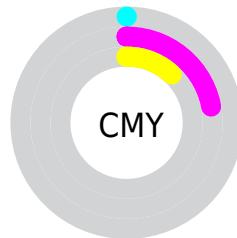


Cyan (0%)

Magenta (22%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5431, 0.3373, 0.3027 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 67.5431, 0.3373, 0.3027 by changing the saturation by 10% instead.


 67.5431, 0.3373,
0.3027

 67.5431, 0.3373,
0.3027

451.8755, 0.3259,
0.3148

 49.5261, 0.3399,
0.3000


115.6983, 0.3333,
0.3069

 35.0370, 0.3432,
0.2966


146.6053, 0.3318,
0.3085

 23.6914, 0.3473,
0.2923


182.5777, 0.3305,
0.3099

 15.1048, 0.3527,
0.2867

224.0000, 0.3293,
0.3111

 8.8930, 0.3600,
0.2792

271.2565, 0.3283,
0.3122

 4.6715, 0.3707,
0.2684


324.7317, 0.3274,


 2.0558, 0.3876,


0.3132


0.2518


384.8099, 0.3266,
0.3140

 0.6396, 0.4212,
0.2170


 0.0000, 1.0000,
0.0000

 67.5431, 0.3373,
0.3027


 67.5431, 0.3373,
0.3027

 56.0595, 0.3523,
0.2901


 81.0498, 0.3248,
0.3150

 46.5033, 0.3702,
0.2777

 96.6756, 0.3145,
0.3268

 38.7656, 0.3910,
0.2663

100.0000, 0.3127,
0.3290

 32.7280, 0.4148,
0.2570

■ 28.2577, 0.4408,
0.2512

■ 25.2020, 0.4680,
0.2500

■ 23.3771, 0.4948,
0.2543

■ 22.5816, 0.5152,
0.2612

Harmonies

Analogous

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



67.5431, 0.3067, 0.2859



67.5431, 0.3373, 0.3027



67.5431, 0.3620, 0.3261

Triad

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



67.5431, 0.3373, 0.3027



67.5431, 0.3456, 0.3827



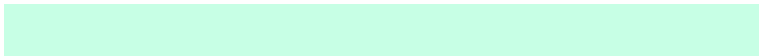
67.5431, 0.2561, 0.3023

Complementary

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



67.5431, 0.3373, 0.3027



89.3160, 0.2935, 0.3569

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.



67.5431, 0.2655, 0.3290



67.5431, 0.3373, 0.3027



67.5431, 0.3164, 0.3777

Square

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



67.5431, 0.3373, 0.3027



67.5431, 0.3666, 0.3722



67.5431, 0.2872, 0.3574



67.5431, 0.2609, 0.2846

Rectangle

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



67.5431, 0.3373, 0.3027



67.5431, 0.3711, 0.3429



67.5431, 0.2872, 0.3574



67.5431, 0.2577, 0.3105

Sweetspot

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



67.5419, 0.3373, 0.3027



88.5354, 0.3194, 0.3210



64.6993, 0.2962, 0.2709



18.7493, 0.3201, 0.3203



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.



67.5419, 0.3373, 0.3027



62.6686, 0.3430, 0.2976



67.0913, 0.3573, 0.3311



18.1276, 0.3221, 0.3180



11.8289, 0.5113, 0.2590



1.1735, 0.4840, 0.2440

Inverse Universe

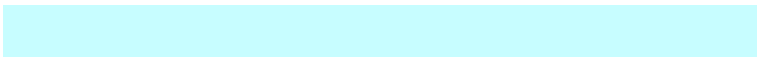
The Inverse Universe completely reimagines the original color for something new.



67.5419, 0.3373, 0.3027



62.6686, 0.3430, 0.2976



89.6958, 0.2798, 0.3270



18.1276, 0.3221, 0.3180



11.8289, 0.5113, 0.2590



1.1735, 0.4840, 0.2440

Previews

White Background



This preview shows how the Yxy color 67.5431, 0.3373, 0.3027 looks on a white background.

Color Contrast Check

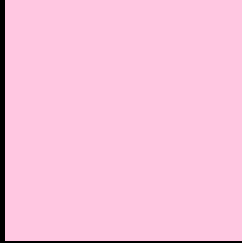
Large Text (above 18pt) WCAG AA × Fail

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 67.5431, 0.3373, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

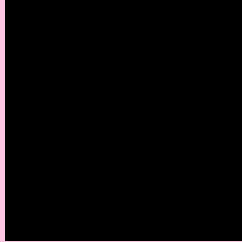
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.5431, 0.3373, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 67.5431, 0.3373, 0.3027.



This preview shows how white text looks on a background with the Yxy color 67.5431, 0.3373, 0.3027.

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

67.5431, 0.3373, 0.3027

Protanopia

67.6751, 0.2988, 0.3060

Deuteranopia

67.5953, 0.3202, 0.3130



Tritanopia

67.3373, 0.3433, 0.3127

Trichromacy



Original Color

67.5431, 0.3373, 0.3027

Protanomaly

67.3753, 0.3117, 0.3044

Deuteranomaly

67.5697, 0.3258, 0.3091

Tritanomaly

67.4939, 0.3410, 0.3097

Monochromacy



Original Color

67.5431, 0.3373, 0.3027

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.4632, 0.3213, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5431, 0.3373, 0.3027 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, 199, 225)` looks like.

```
.text, #text, p{  
  color:rgb(255, 199, 225)  
}
```

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, 199, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 225) }
```

Border

The CSS property to change the border of an element to Yxy 67.5431, 0.3373, 0.3027 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, 199, 225) }
```

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

```
.border{ border-color:rgb(255, 199, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5431, 0.3373, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 225) }
```

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

```
.background{ background-color: rgb(255,  
199, 225) }
```

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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