

Converting Colors

$Yxy(66.5708, 0.3383, 0.3016)$

Have a look what the booklet for
Yxy(66.5708, 0.3383, 0.3016)
contains.

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Color

Yxy(66.5743, 0.3383, 0.3017)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5E0
RGB	255, 197, 224
RGB Percent	100%, 77%, 88%
CMY	0.0001, 0.2274, 0.1216
CMYK	0.00, 0.23, 0.12, 0.00
HSL	332°, 100%, 89%
HSV	332°, 23%, 100%
XYZ	74.6506, 66.5743, 79.4390
YIQ	217.4200, 25.9010, 20.6930

Conversions

Conversions Part 2

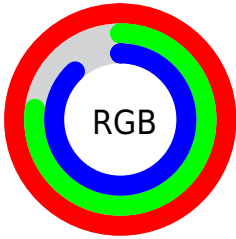
Format	Color
R _Y B	255, 197, 224
Decimal	16762336
CIE Lab	85.29, 24.73, -5.41
CIE LCh	85, 25.316, 347.655
Yxy	66.5743, 0.3383, 0.3017
Android (android.graphics.Color)	4294952416 (0xFFFFC5E0)
YUV	217.4200, 3.2439, 32.9577
Hunter-Lab	81.5931, 20.5242, -0.6096

Details

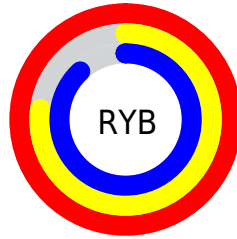
The Yxy color **66.5743, 0.3383, 0.3017** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.9695, 0.2929, 0.3581**, and the grayscale version is **69.6556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **34.5153, 0.3446, 0.2953** is the 20% darker color. If you saturate the color by 10%, you get **55.2498, 0.3535, 0.2890**, and if you desaturate by 10%, it is **79.9221, 0.3257, 0.3141**.

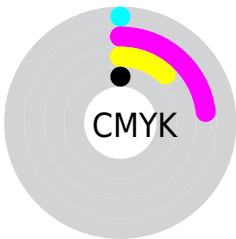
Distribution



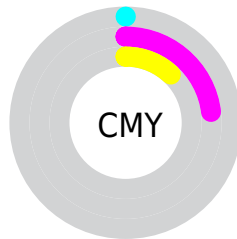
- Red (100%)
- Green (77%)
- Blue (88%)



- Red (100%)
- Yellow (77%)
- Blue (88%)



- Cyan (0%)
- Magenta (23%)
- Yellow (12%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5743, 0.3383, 0.3017 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 66.5743, 0.3383, 0.3017 by changing the saturation by 10% instead.


 66.5743, 0.3383,
0.3017

 66.5743, 0.3383,
0.3017


448.4280, 0.3264,
0.3143

 48.7388, 0.3410,
0.2988

114.3102, 0.3342,
0.3061

 34.4123, 0.3444,
0.2953


144.9794, 0.3326,
0.3077

 23.2105, 0.3487,
0.2909


180.6952, 0.3312,
0.3092

 14.7490, 0.3544,
0.2851

221.8421, 0.3300,
0.3105

 8.6434, 0.3621,
0.2772

268.8044, 0.3289,
0.3116

 4.5093, 0.3734,
0.2659


321.9665, 0.3280,


 1.9624, 0.3913,

0.3126


0.2484


381.7129, 0.3271,
0.3135


 0.5855, 0.4286,
0.2088


 0.0000, 1.0000,
0.0000

 66.5743, 0.3383,
0.3017


 66.5743, 0.3383,
0.3017

 55.2498, 0.3535,
0.2890

 79.9221, 0.3257,
0.3141

 45.8398, 0.3716,
0.2767

 95.3772, 0.3152,
0.3259

 38.2390, 0.3926,
0.2654

99.9929, 0.3127,
0.3290

 32.3278, 0.4165,
0.2563

■ 27.9725, 0.4427,
0.2508

■ 25.0186, 0.4699,
0.2499

■ 23.2790, 0.4965,
0.2546

■ 22.5784, 0.5149,
0.2610

Harmonies

Analogous

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



66.5743, 0.3064, 0.2843



66.5743, 0.3383, 0.3017



66.5743, 0.3640, 0.3259

Triad

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



66.5743, 0.3383, 0.3017



66.5743, 0.3468, 0.3849



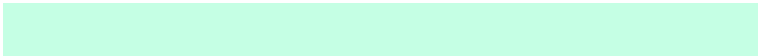
66.5743, 0.2540, 0.3011

Complementary

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



66.5743, 0.3383, 0.3017



88.9695, 0.2929, 0.3581

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.



66.5743, 0.2636, 0.3289



66.5743, 0.3383, 0.3017



66.5743, 0.3165, 0.3797

Square

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



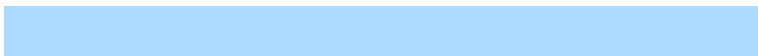
66.5743, 0.3383, 0.3017



66.5743, 0.3687, 0.3738



66.5743, 0.2861, 0.3586



66.5743, 0.2590, 0.2828

Rectangle

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



66.5743, 0.3383, 0.3017



66.5743, 0.3735, 0.3434



66.5743, 0.2861, 0.3586



66.5743, 0.2556, 0.3096

Sweetspot

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



66.5773, 0.3383, 0.3017



88.5361, 0.3194, 0.3209



63.6414, 0.2955, 0.2688



18.7495, 0.3201, 0.3202



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.



66.5773, 0.3383, 0.3017



61.5142, 0.3445, 0.2963



66.1103, 0.3592, 0.3311



18.1279, 0.3221, 0.3180



11.8312, 0.5110, 0.2589



1.1738, 0.4837, 0.2438

Inverse Universe

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



66.5773, 0.3383, 0.3017



61.5142, 0.3445, 0.2963



89.3610, 0.2788, 0.3269



18.1279, 0.3221, 0.3180



11.8312, 0.5110, 0.2589



1.1738, 0.4837, 0.2438

Previews

White Background



This preview shows how the Yxy color 66.5743, 0.3383, 0.3017 looks on a white background.

Color Contrast Check

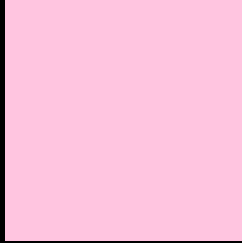
Large Text (above 18pt) WCAG AA × Fail

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 66.5743, 0.3383, 0.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

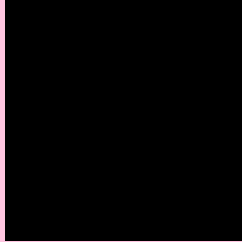
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5743, 0.3383, 0.3017

Background



This preview shows how black text looks on a background with the Yxy color 66.5743, 0.3383, 0.3017.



This preview shows how white text looks on a background with the Yxy color 66.5743, 0.3383, 0.3017.

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

66.5743, 0.3383, 0.3017

Protanopia

66.8190, 0.2980, 0.3058

Deuteranopia

66.7226, 0.3195, 0.3129



Tritanopia

66.7727, 0.3450, 0.3137

Trichromacy



Original Color

66.5743, 0.3383, 0.3017



Protanomaly

66.6697, 0.3116, 0.3043



Deuteranomaly

66.3903, 0.3260, 0.3080



Tritanomaly

66.5210, 0.3421, 0.3086

Monochromacy



Original Color

66.5743, 0.3383, 0.3017



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

68.2494, 0.3214, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5743, 0.3383, 0.3017 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, 197, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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(255, 197, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 224) }
```

Border

The CSS property to change the border of an element to Yxy 66.5743, 0.3383, 0.3017 is called "border". The border property can be set on classes, ids or directly on the HTML element.

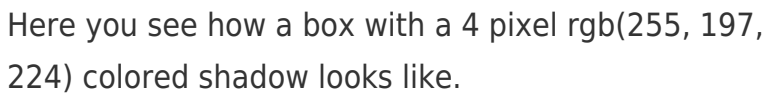
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 197, 224) }
```

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

```
.border{ border-color:rgb(255, 197, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 197, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5743, 0.3383, 0.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 224) }
```

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

```
.background{ background-color: rgb(255,  
197, 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](#).

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