

Converting Colors

$Yxy(67.1373, 0.3527, 0.3072)$

Have a look what the booklet for
Yxy(67.1373, 0.3527, 0.3072)
contains.

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Color

Yxy(65.3000, 0.3441, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3D9
RGB	255, 195, 217
RGB Percent	100%, 76%, 85%
CMY	0.0000, 0.2353, 0.1490
CMYK	0.00, 0.24, 0.15, 0.00
HSL	338°, 100%, 88%
HSV	338°, 24%, 100%
XYZ	73.2868, 65.3000, 74.3943
YIQ	215.4480, 28.6980, 19.5620

Conversions

Conversions Part 2

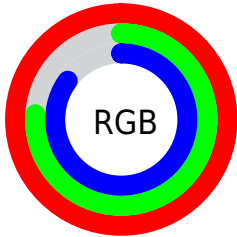
Format	Color
R _Y B	255, 195, 217
Decimal	16761817
CIE Lab	84.64, 24.71, -2.64
CIE LCh	85, 24.848, 353.904
Yxy	65.3000, 0.3441, 0.3066
Android (android.graphics.Color)	4294951897 (0xFFFFC3D9)
YUV	215.4480, 0.7651, 34.6871
Hunter-Lab	80.8084, 20.4705, 1.9820

Details

The Yxy color **65.3000, 0.3441, 0.3066** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.0037, 0.2891, 0.3526**, and the grayscale version is **68.2527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **33.6642, 0.3524, 0.3016** is the 20% darker color. If you saturate the color by 10%, you get **54.0314, 0.3625, 0.2965**, and if you desaturate by 10%, it is **78.5989, 0.3289, 0.3165**.

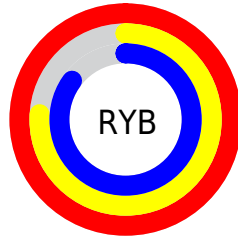
Distribution



Red (100%)

Green (76%)

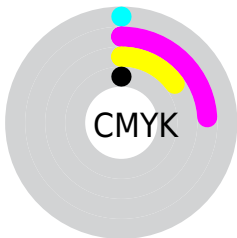
Blue (85%)



Red (100%)

Yellow (76%)

Blue (85%)

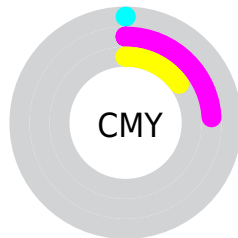


Cyan (0%)

Magenta (24%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3000, 0.3441, 0.3066 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 65.3000, 0.3441, 0.3066 by changing the saturation by 10% instead.

 65.3000, 0.3441,
0.3066

 65.3000, 0.3441,
0.3066


443.8693, 0.3294,
0.3170

 47.7044, 0.3475,
0.3042


 112.4811, 0.3389,
0.3102

 33.5928, 0.3518,
0.3012


142.8353, 0.3369,
0.3117

 22.5810, 0.3572,
0.2974


178.2112, 0.3352,
0.3129

 14.2844, 0.3644,
0.2924

218.9931, 0.3337,
0.3139

 8.3187, 0.3744,
0.2856

265.5655, 0.3324,
0.3148

 4.2996, 0.3891,
0.2756


318.3127, 0.3313,


 1.8425, 0.4130,

0.3157


0.2597


377.6192, 0.3303,
0.3164

 0.5135, 0.4704,
0.2163

 0.0000, 1.0000,
0.0000

 65.3000, 0.3441,
0.3066


 65.3000, 0.3441,
0.3066

 54.0314, 0.3625,
0.2965


 78.5989, 0.3289,
0.3165

 44.6963, 0.3846,
0.2868

 94.0269, 0.3165,
0.3258

 37.1827, 0.4106,
0.2781

100.0000, 0.3127,
0.3290

 31.3692, 0.4403,
0.2716

■ 27.1194, 0.4728,
0.2686

■ 24.2753, 0.5060,
0.2702

■ 22.6450, 0.5375,
0.2771

■ 22.0603, 0.5560,
0.2837

Harmonies

Analogous

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



65.3000, 0.3131, 0.2876



65.3000, 0.3441, 0.3066



65.3000, 0.3671, 0.3314

Triad

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



65.3000, 0.3441, 0.3066



65.3000, 0.3406, 0.3845



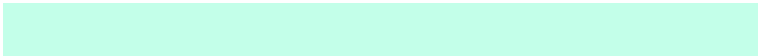
65.3000, 0.2545, 0.2968

Complementary

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



65.3000, 0.3441, 0.3066



89.0037, 0.2891, 0.3526

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.



65.3000, 0.2610, 0.3227



65.3000, 0.3441, 0.3066



65.3000, 0.3099, 0.3759

Square

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



65.3000, 0.3441, 0.3066



65.3000, 0.3646, 0.3767



65.3000, 0.2810, 0.3525



65.3000, 0.2624, 0.2812

Rectangle

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



65.3000, 0.3441, 0.3066



65.3000, 0.3741, 0.3486



65.3000, 0.2810, 0.3525



65.3000, 0.2550, 0.3045

Sweetspot

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



65.2985, 0.3441, 0.3066



88.4287, 0.3205, 0.3227



63.4036, 0.2985, 0.2671



18.7246, 0.3213, 0.3221



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.



65.2985, 0.3441, 0.3066



60.0181, 0.3519, 0.3021



67.4391, 0.3602, 0.3364



18.0973, 0.3236, 0.3203



11.5532, 0.5517, 0.2813



1.1451, 0.5206, 0.2641

Inverse Universe

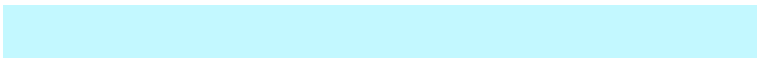
The Inverse Universe completely reimagines the original color for something new.



65.2985, 0.3441, 0.3066



60.0181, 0.3519, 0.3021



85.9560, 0.2772, 0.3215



18.0973, 0.3236, 0.3203



11.5532, 0.5517, 0.2813



1.1451, 0.5206, 0.2641

Previews

White Background



This preview shows how the Yxy color 65.3000, 0.3441, 0.3066 looks on a white background.

Color Contrast Check

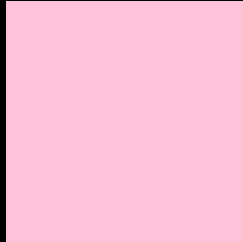
Large Text (above 18pt) WCAG AA × Fail

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 65.3000, 0.3441, 0.3066 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 65.3000, 0.3441, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 65.3000, 0.3441, 0.3066.



This preview shows how white text looks on a background with the Yxy color 65.3000, 0.3441, 0.3066.

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

65.3000, 0.3441, 0.3066

Protanopia

65.4331, 0.3026, 0.3111

Deuteranopia

65.3919, 0.3247, 0.3182



Tritanopia

65.2538, 0.3479, 0.3137

Trichromacy



Original Color

65.3000, 0.3441, 0.3066

Protanomaly

65.3212, 0.3167, 0.3095

Deuteranomaly

65.0819, 0.3314, 0.3131

Tritanomaly

65.3548, 0.3463, 0.3116

Monochromacy



Original Color

65.3000, 0.3441, 0.3066

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.8926, 0.3237, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3000, 0.3441, 0.3066 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, 195, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 217)  
}
```

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, 195, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 217) }
```

Border

The CSS property to change the border of an element to Yxy 65.3000, 0.3441, 0.3066 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, 195, 217) }
```

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

```
.border{ border-color:rgb(255, 195, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3000, 0.3441, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 217) }
```

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

```
.background{ background-color: rgb(255,  
195, 217) }
```

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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