

Converting Colors

$Yxy(65.7235, 0.3467, 0.3116)$

Have a look what the booklet for
Yxy(65.7235, 0.3467, 0.3116)
contains.

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Color

Yxy(65.5440, 0.3471, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4D5
RGB	255, 196, 213
RGB Percent	100%, 77%, 84%
CMY	0.0000, 0.2313, 0.1647
CMYK	0.00, 0.23, 0.16, 0.00
HSL	343°, 100%, 88%
HSV	343°, 23%, 100%
XYZ	72.9879, 65.5440, 71.7472
YIQ	215.5790, 29.7070, 17.7950

Conversions

Conversions Part 2

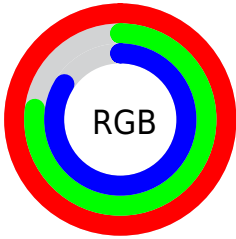
Format	Color
R _Y B	255, 196, 213
Decimal	16762069
CIE Lab	84.76, 23.54, -0.31
CIE LCh	85, 23.546, 359.249
Yxy	65.5440, 0.3471, 0.3117
Android (android.graphics.Color)	4294952149 (0xFFFFC4D5)
YUV	215.5790, -1.2714, 34.5722
Hunter-Lab	80.9592, 19.2459, 4.1278

Details

The Yxy color **65.5440, 0.3471, 0.3117** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.4290, 0.2871, 0.3471**, and the grayscale version is **68.3632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **33.8204, 0.3565, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **54.1327, 0.3678, 0.3038**, and if you desaturate by 10%, it is **79.0194, 0.3302, 0.3195**.

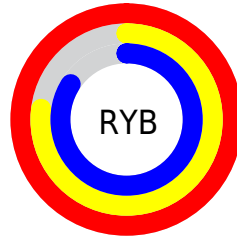
Distribution



Red (100%)

Green (77%)

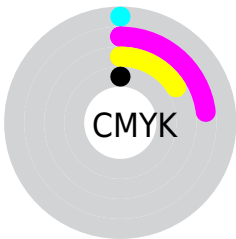
Blue (84%)



Red (100%)

Yellow (77%)

Blue (84%)

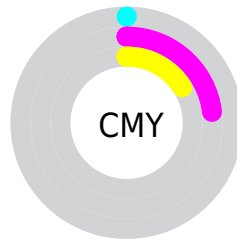


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.5440, 0.3471, 0.3117 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 65.5440, 0.3471, 0.3117 by changing the saturation by 10% instead.

65.5440, 0.3471,
0.3117

65.5440, 0.3471,
0.3117

444.7443, 0.3309,
0.3199

47.9023, 0.3509,
0.3098

112.8316, 0.3414,
0.3146

33.7495, 0.3556,
0.3074

143.2463, 0.3392,
0.3157

22.7013, 0.3616,
0.3044

178.6875, 0.3373,
0.3166

14.3731, 0.3696,
0.3004

219.5396, 0.3357,
0.3174

8.3806, 0.3808,
0.2948

266.1869, 0.3343,
0.3182

4.3394, 0.3972,
0.2866


319.0138, 0.3330,


1.8652, 0.4240,


0.3188

0.2732


378.4048, 0.3319,
0.3194


 0.5273, 0.4944,
0.2374

 0.0000, 1.0000,
0.0000


 65.5440, 0.3471,
0.3117


 65.5440, 0.3471,
0.3117

 54.1327, 0.3678,
0.3038


 79.0194, 0.3302,
0.3195

 44.6744, 0.3929,
0.2961

 94.6450, 0.3165,
0.3268

 37.0611, 0.4226,
0.2894

99.9994, 0.3127,
0.3290

 31.1705, 0.4566,
0.2847

■ 26.8656, 0.4937,
0.2830

■ 23.9881, 0.5311,
0.2857

■ 22.3462, 0.5653,
0.2929

■ 21.7458, 0.5853,
0.2998

Harmonies

Analogous

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



65.5440, 0.3185, 0.2923



65.5440, 0.3471, 0.3117



65.5440, 0.3666, 0.3358

Triad

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



65.5440, 0.3471, 0.3117



65.5440, 0.3343, 0.3812



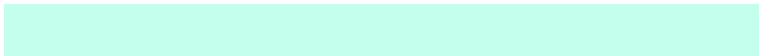
65.5440, 0.2578, 0.2951

Complementary

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



65.5440, 0.3471, 0.3117



89.4290, 0.2871, 0.3471

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.



65.5440, 0.2616, 0.3183



65.5440, 0.3471, 0.3117



65.5440, 0.3049, 0.3702

Square

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



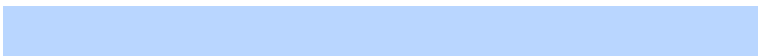
65.5440, 0.3471, 0.3117



65.5440, 0.3586, 0.3765



65.5440, 0.2785, 0.3464



65.5440, 0.2677, 0.2823

Rectangle

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



65.5440, 0.3471, 0.3117



65.5440, 0.3713, 0.3519



65.5440, 0.2785, 0.3464



65.5440, 0.2575, 0.3018

Sweetspot

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



65.5470, 0.3471, 0.3117



88.3434, 0.3214, 0.3240



64.7601, 0.3023, 0.2689



18.7049, 0.3222, 0.3236



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.



65.5470, 0.3471, 0.3117



59.7420, 0.3567, 0.3078



70.2629, 0.3580, 0.3413



18.0731, 0.3249, 0.3222



11.3852, 0.5811, 0.2975



1.1265, 0.5491, 0.2799

Inverse Universe

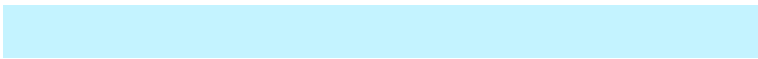
The Inverse Universe completely reimagines the original color for something new.



65.5470, 0.3471, 0.3117



59.7420, 0.3567, 0.3078



83.1773, 0.2774, 0.3164



18.0731, 0.3249, 0.3222



11.3852, 0.5811, 0.2975



1.1265, 0.5491, 0.2799

Previews

White Background



This preview shows how the Yxy color 65.5440, 0.3471, 0.3117 looks on a white background.

Color Contrast Check

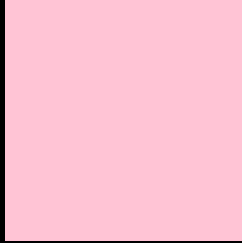
Large Text (above 18pt) WCAG AA × Fail

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 65.5440, 0.3471, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

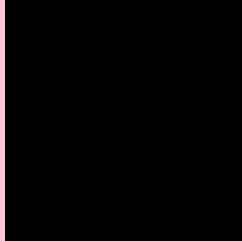
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5440, 0.3471, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 65.5440, 0.3471, 0.3117.



This preview shows how white text looks on a background with the Yxy color 65.5440, 0.3471, 0.3117.

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

65.5440, 0.3471, 0.3117

Protanopia

66.0086, 0.3067, 0.3167

Deuteranopia

65.5216, 0.3292, 0.3225



Tritanopia

65.4430, 0.3487, 0.3137

Trichromacy



Original Color

65.5440, 0.3471, 0.3117

Protanomaly

65.7511, 0.3202, 0.3149

Deuteranomaly

65.5198, 0.3350, 0.3184

Tritanomaly

65.4933, 0.3479, 0.3127

Monochromacy



Original Color

65.5440, 0.3471, 0.3117

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.3302, 0.3243, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5440, 0.3471, 0.3117 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, 196, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 213)  
}
```

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, 196, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 213) }
```

Border

The CSS property to change the border of an element to Yxy 65.5440, 0.3471, 0.3117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

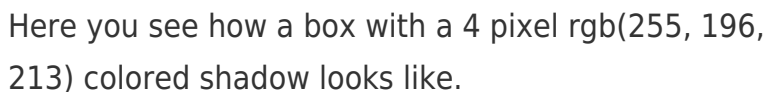
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 196, 213) }
```

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

```
.border{ border-color:rgb(255, 196, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 196, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 196, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 196, 213); box-shadow:4px 4px 4px 4px rgb(255, 196, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5440, 0.3471, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 213) }
```

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

```
.background{ background-color: rgb(255,  
196, 213) }
```

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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