

Converting Colors

Yxy(80.4688, 0.4016, 0.3156)

Have a look what the booklet for
Yxy(80.4688, 0.4016, 0.3156)
contains.

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Color

Yxy(65.0437, 0.3481, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3D4
RGB	255, 195, 212
RGB Percent	100%, 76%, 83%
CMY	0.0000, 0.2353, 0.1688
CMYK	0.00, 0.24, 0.17, 0.00
HSL	343°, 100%, 88%
HSV	343°, 24%, 100%
XYZ	72.6394, 65.0437, 70.9909
YIQ	214.8780, 30.3030, 18.0070

Conversions

Conversions Part 2

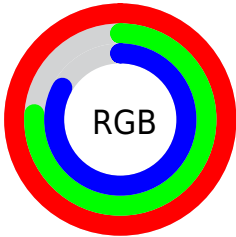
Format	Color
R _Y B	255, 195, 212
Decimal	16761812
CIE Lab	84.51, 23.92, -0.14
CIE LCh	85, 23.923, 359.669
Yxy	65.0437, 0.3481, 0.3117
Android (android.graphics.Color)	4294951892 (0xFFFFC3D4)
YUV	214.8780, -1.4189, 35.1870
Hunter-Lab	80.6497, 19.6342, 4.2655

Details

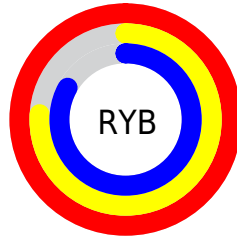
The Yxy color **65.0437, 0.3481, 0.3117** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.2978, 0.2865, 0.3471**, and the grayscale version is **67.8607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **33.4898, 0.3579, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **53.7043, 0.3691, 0.3039**, and if you desaturate by 10%, it is **78.4388, 0.3309, 0.3193**.

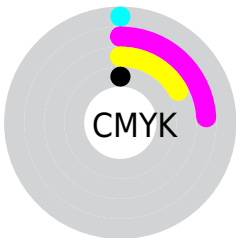
Distribution



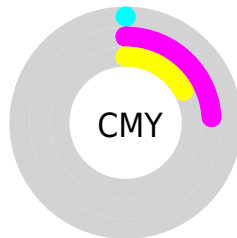
- Red (100%)
- Green (76%)
- Blue (83%)



- Red (100%)
- Yellow (76%)
- Blue (83%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0437, 0.3481, 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 65.0437, 0.3481, 0.3117 by changing the saturation by 10% instead.


 65.0437, 0.3481,
0.3117

 65.0437, 0.3481,
0.3117


442.9490, 0.3314,
0.3199

 47.4965, 0.3520,
0.3098


 112.1127, 0.3422,
0.3146

 33.4283, 0.3569,
0.3074


142.4033, 0.3400,
0.3157

 22.4548, 0.3631,
0.3044


177.7104, 0.3380,
0.3166

 14.1914, 0.3714,
0.3003

218.4186, 0.3364,
0.3174

 8.2539, 0.3829,
0.2947

264.9121, 0.3349,
0.3182

 4.2579, 0.4000,
0.2863


317.5755, 0.3336,


 1.8188, 0.4280,


0.3188

0.2727


376.7929, 0.3324,
0.3194


 0.4989, 0.5060,
0.2343


 0.0000, 1.0000,
0.0000


 65.0437, 0.3481,
0.3117

 65.0437, 0.3481,
0.3117

 53.7043, 0.3691,
0.3039

 78.4388, 0.3309,
0.3193

 44.3180, 0.3946,
0.2964

 93.9851, 0.3170,
0.3266

 36.7734, 0.4247,
0.2899

100.0000, 0.3127,
0.3290

 30.9478, 0.4592,
0.2854

■ 26.7031, 0.4966,
0.2840

■ 23.8800, 0.5343,
0.2868

■ 22.2848, 0.5683,
0.2943

■ 21.7292, 0.5870,
0.3008

Harmonies

Analogous

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



65.0437, 0.3190, 0.2919



65.0437, 0.3481, 0.3117



65.0437, 0.3678, 0.3362

Triad

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



65.0437, 0.3481, 0.3117



65.0437, 0.3342, 0.3822



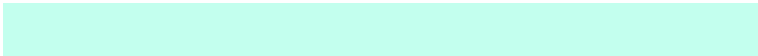
65.0437, 0.2569, 0.2942

Complementary

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



65.0437, 0.3481, 0.3117



89.2978, 0.2865, 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.



65.0437, 0.2605, 0.3177



65.0437, 0.3481, 0.3117



65.0437, 0.3043, 0.3707

Square

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



65.0437, 0.3481, 0.3117



65.0437, 0.3592, 0.3775



65.0437, 0.2776, 0.3463



65.0437, 0.2671, 0.2813

Rectangle

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



65.0437, 0.3481, 0.3117



65.0437, 0.3724, 0.3526



65.0437, 0.2776, 0.3463



65.0437, 0.2565, 0.3010

Sweetspot

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



65.0437, 0.3481, 0.3117



88.3379, 0.3215, 0.3241



64.4292, 0.3029, 0.2679



18.7037, 0.3223, 0.3237



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.



65.0437, 0.3481, 0.3117



59.7245, 0.3570, 0.3082



70.3134, 0.3588, 0.3425



18.0715, 0.3250, 0.3223



11.3758, 0.5829, 0.2985



1.1254, 0.5509, 0.2808

Inverse Universe

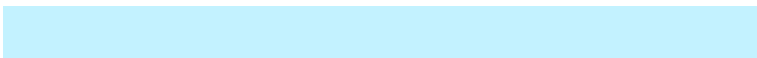
The Inverse Universe completely reimagines the original color for something new.



65.0437, 0.3481, 0.3117



59.7245, 0.3570, 0.3082



82.3273, 0.2767, 0.3150



18.0715, 0.3250, 0.3223



11.3758, 0.5829, 0.2985



1.1254, 0.5509, 0.2808

Previews

White Background



This preview shows how the Yxy color 65.0437, 0.3481, 0.3117 looks on a white background.

Color Contrast Check

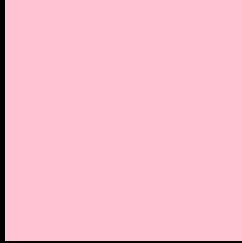
Large Text (above 18pt) WCAG AA × Fail

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 65.0437, 0.3481, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

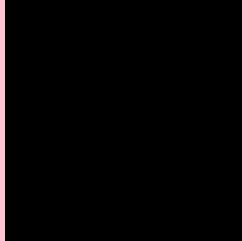
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.0437, 0.3481, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 65.0437, 0.3481, 0.3117.



This preview shows how white text looks on a background with the Yxy color 65.0437, 0.3481, 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

65.0437, 0.3481, 0.3117

Protanopia

65.3107, 0.3067, 0.3167

Deuteranopia

64.9947, 0.3300, 0.3225



Tritanopia

64.9434, 0.3497, 0.3137

Trichromacy



Original Color

65.0437, 0.3481, 0.3117

Protanomaly

65.2186, 0.3210, 0.3149

Deuteranomaly

65.0017, 0.3359, 0.3184

Tritanomaly

64.9934, 0.3489, 0.3127

Monochromacy



Original Color

65.0437, 0.3481, 0.3117

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.7898, 0.3251, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0437, 0.3481, 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, 195, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 212) }
```

Border

The CSS property to change the border of an element to Yxy 65.0437, 0.3481, 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, 195, 212) }
```

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

```
.border{ border-color:rgb(255, 195, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0437, 0.3481, 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, 195, 212) }
```

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

```
.background{ background-color: rgb(255,  
195, 212) }
```

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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