

Converting Colors

$Y_{xy}(79.3774, 0.3934, 0.3114)$

Have a look what the booklet for
Yxy(79.3774, 0.3934, 0.3114)
contains.

Yxy(65.2481, 0.3449, 0.3076)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.2481, 0.3449, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3D8
RGB	255, 195, 216
RGB Percent	100%, 76%, 85%
CMY	0.0000, 0.2353, 0.1529
CMYK	0.00, 0.24, 0.15, 0.00
HSL	339°, 100%, 88%
HSV	339°, 24%, 100%
XYZ	73.1602, 65.2481, 73.7117
YIQ	215.3340, 29.0190, 19.2510

Conversions

Conversions Part 2

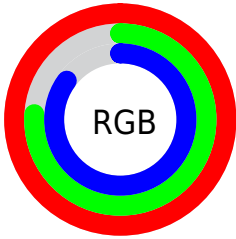
Format	Color
R _Y B	255, 195, 216
Decimal	16761816
CIE _{Lab}	84.61, 24.56, -2.14
CIE _{LCh}	85, 24.652, 355.009
Y _{xy}	65.2481, 0.3449, 0.3076
Android (android.graphics.Color)	4294951896 (0xFFFFC3D8)
YUV	215.3340, 0.3283, 34.7871
Hunter-Lab	80.7763, 20.3113, 2.4388

Details

The Yxy color **65.2481, 0.3449, 0.3076** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.0601, 0.2886, 0.3516**, and the grayscale version is **68.1722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **33.6287, 0.3535, 0.3029** is the 20% darker color. If you saturate the color by 10%, you get **53.9631, 0.3638, 0.2980**, and if you desaturate by 10%, it is **78.5635, 0.3293, 0.3170**.

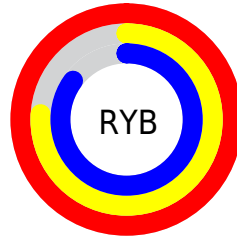
Distribution



Red (100%)

Green (76%)

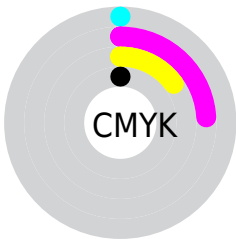
Blue (85%)



Red (100%)

Yellow (76%)

Blue (85%)

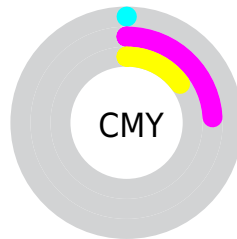


Cyan (0%)

Magenta (24%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2481, 0.3449, 0.3076 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 65.2481, 0.3449, 0.3076 by changing the saturation by 10% instead.


 65.2481, 0.3449,
0.3076

 65.2481, 0.3449,
0.3076


443.6830, 0.3298,
0.3176

 47.6623, 0.3484,
0.3053


 112.4065, 0.3396,
0.3111

 33.5595, 0.3528,
0.3024


142.7478, 0.3375,
0.3124

 22.5554, 0.3584,
0.2988


178.1098, 0.3358,
0.3136

 14.2656, 0.3658,
0.2940

218.8768, 0.3343,
0.3146

 8.3056, 0.3761,
0.2874

265.4332, 0.3329,
0.3155

 4.2911, 0.3913,
0.2777

318.1635, 0.3318,


 1.8377, 0.4160,


0.3163


0.2623


377.4519, 0.3307,
0.3170


 0.5105, 0.4769,
0.2196


 0.0000, 1.0000,
0.0000


 65.2481, 0.3449,
0.3076

 65.2481, 0.3449,
0.3076

 53.9631, 0.3638,
0.2980


 78.5635, 0.3293,
0.3170

 44.6175, 0.3866,
0.2887

 94.0145, 0.3166,
0.3260

 37.0973, 0.4134,
0.2804

100.0000, 0.3127,
0.3290

 31.2808, 0.4441,
0.2743

■ 27.0313, 0.4775,
0.2716

■ 24.1905, 0.5117,
0.2735

■ 22.5662, 0.5438,
0.2806

■ 21.9868, 0.5625,
0.2872

Harmonies

Analogous

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



65.2481, 0.3143, 0.2884



65.2481, 0.3449, 0.3076



65.2481, 0.3672, 0.3323

Triad

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



65.2481, 0.3449, 0.3076



65.2481, 0.3394, 0.3841



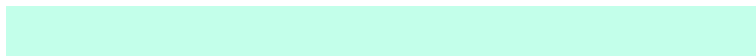
65.2481, 0.2549, 0.2962

Complementary

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



65.2481, 0.3449, 0.3076



89.0601, 0.2886, 0.3516

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.



65.2481, 0.2609, 0.3217



65.2481, 0.3449, 0.3076



65.2481, 0.3088, 0.3749

Square

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



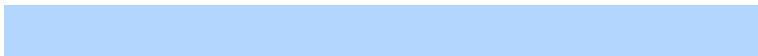
65.2481, 0.3449, 0.3076



65.2481, 0.3635, 0.3769



65.2481, 0.2803, 0.3513



65.2481, 0.2633, 0.2812

Rectangle

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



65.2481, 0.3449, 0.3076



65.2481, 0.3738, 0.3494



65.2481, 0.2803, 0.3513



65.2481, 0.2553, 0.3038

Sweetspot

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



65.2445, 0.3449, 0.3076



88.4107, 0.3207, 0.3229



63.5690, 0.2992, 0.2673



18.7205, 0.3215, 0.3224



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.



65.2445, 0.3449, 0.3076



59.9593, 0.3529, 0.3033



67.9077, 0.3599, 0.3374



18.0922, 0.3239, 0.3207



11.5140, 0.5582, 0.2849



1.1408, 0.5267, 0.2675

Inverse Universe

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



65.2445, 0.3449, 0.3076



59.9593, 0.3529, 0.3033



85.3416, 0.2771, 0.3204



18.0922, 0.3239, 0.3207



11.5140, 0.5582, 0.2849



1.1408, 0.5267, 0.2675

Previews

White Background



This preview shows how the Yxy color 65.2481, 0.3449, 0.3076 looks on a white background.

Color Contrast Check

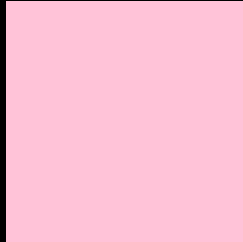
Large Text (above 18pt) WCAG AA × Fail

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 65.2481, 0.3449, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

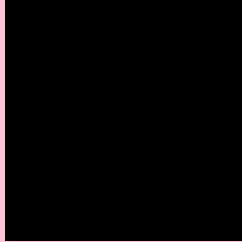
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2481, 0.3449, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 65.2481, 0.3449, 0.3076.

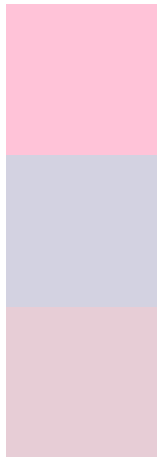


This preview shows how white text looks on a background with the Yxy color 65.2481, 0.3449, 0.3076.

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

65.2481, 0.3449, 0.3076

Protanopia

65.3783, 0.3033, 0.3122

Deuteranopia

65.5066, 0.3262, 0.3193



Tritanopia

65.2538, 0.3479, 0.3137

Trichromacy



Original Color

65.2481, 0.3449, 0.3076

Protanomaly

65.2675, 0.3174, 0.3106

Deuteranomaly

65.2049, 0.3329, 0.3142

Tritanomaly

65.3548, 0.3463, 0.3116

Monochromacy



Original Color

65.2481, 0.3449, 0.3076

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.8410, 0.3244, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2481, 0.3449, 0.3076 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 216) }
```

Border

The CSS property to change the border of an element to Yxy 65.2481, 0.3449, 0.3076 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, 216) }
```

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

```
.border{ border-color:rgb(255, 195, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2481, 0.3449, 0.3076 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, 216) }
```

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

```
.background{ background-color: rgb(255,  
195, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor