

Converting Colors

$Y_{xy}(74.6479, 0.3308, 0.3105)$

Have a look what the booklet for
Yxy(74.6479, 0.3308, 0.3105)
contains.

Yxy(74.6747, 0.3305, 0.3101)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.6747, 0.3305, 0.3101)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5E8
RGB	255, 213, 232
RGB Percent	100%, 84%, 91%
CMY	0.0001, 0.1646, 0.0903
CMYK	0.00, 0.16, 0.09, 0.00
HSL	333°, 100%, 92%
HSV	333°, 16%, 100%
XYZ	79.5872, 74.6747, 86.5466
YIQ	227.7240, 18.9330, 14.8130

Conversions

Conversions Part 2

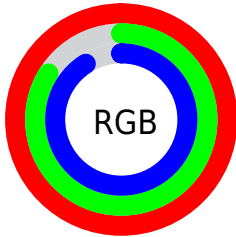
Format	Color
R _{YB}	255, 213, 232
Decimal	16766440
CIE Lab	89.24, 17.65, -3.82
CIE LCh	89, 18.057, 347.800
Yxy	74.6747, 0.3305, 0.3101
Android (android.graphics.Color)	4294956520 (0xFFFFD5E8)
YUV	227.7240, 2.1081, 23.9211
Hunter-Lab	86.4145, 13.1719, 1.1096

Details

The Yxy color **74.6747, 0.3305, 0.3101** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.7033, 0.2979, 0.3487**, and the grayscale version is **77.3441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5941, 0.3351, 0.3060** is the 20% darker color. If you saturate the color by 10%, you get **62.0798, 0.3444, 0.2979**, and if you desaturate by 10%, it is **89.3557, 0.3190, 0.3218**.

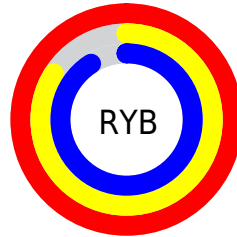
Distribution



Red (100%)

Green (84%)

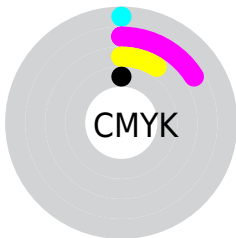
Blue (91%)



Red (100%)

Yellow (84%)

Blue (91%)

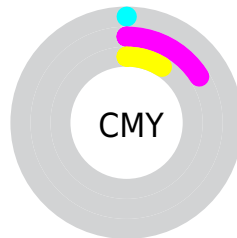


Cyan (0%)

Magenta (16%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6747, 0.3305, 0.3101 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 74.6747, 0.3305, 0.3101 by changing the saturation by 10% instead.

 74.6747, 0.3305,
0.3101

 74.6747, 0.3305,
0.3101


476.7987, 0.3224,
0.3187

 55.3464, 0.3323,
0.3082

125.8518, 0.3277,
0.3131

 39.6792, 0.3346,
0.3058


158.4694, 0.3266,
0.3142

 27.2885, 0.3374,
0.3028


196.2856, 0.3257,
0.3152

 17.7900, 0.3411,
0.2990

239.6847, 0.3248,
0.3161

 10.7993, 0.3461,
0.2939

289.0512, 0.3241,
0.3169

 5.9321, 0.3533,
0.2866

344.7694, 0.3235,

 2.8038, 0.3642,

0.3175

0.2756

407.2238, 0.3229,
0.3181

■ 1.0302, 0.3833,
0.2569

■ 0.0000, 0.6670,
0.0000

■ 74.6747, 0.3305,
0.3101

■ 74.6747, 0.3305,
0.3101

■ 62.0798, 0.3444,
0.2979

■ 89.3557, 0.3190,
0.3218

■ 51.4656, 0.3611,
0.2856

99.9932, 0.3127,
0.3290

■ 42.7325, 0.3808,
0.2739

■ 35.7683, 0.4036,
0.2636

■ 30.4484, 0.4293,
0.2560

■ 26.6322, 0.4568,
0.2524

■ 24.1549, 0.4849,
0.2539

■ 22.8106, 0.5117,
0.2609

■ 22.4966, 0.5208,
0.2643

Harmonies

Analogous

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



74.6747, 0.3087, 0.2977



74.6747, 0.3305, 0.3101



74.6747, 0.3478, 0.3273

Triad

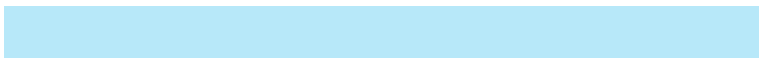
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6747, 0.3305, 0.3101



74.6747, 0.3364, 0.3671



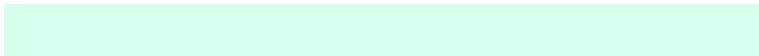
74.6747, 0.2718, 0.3102

Complementary

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



74.6747, 0.3305, 0.3101



91.7033, 0.2979, 0.3487

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.



74.6747, 0.2786, 0.3292



74.6747, 0.3305, 0.3101



74.6747, 0.3155, 0.3632

Square

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



74.6747, 0.3305, 0.3101



74.6747, 0.3511, 0.3603



74.6747, 0.2945, 0.3490



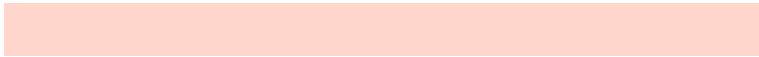
74.6747, 0.2754, 0.2972

Rectangle

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



74.6747, 0.3305, 0.3101



74.6747, 0.3542, 0.3396



74.6747, 0.2945, 0.3490



74.6747, 0.2729, 0.3161

Sweetspot

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



74.6780, 0.3305, 0.3101



91.6913, 0.3175, 0.3235



72.5463, 0.3009, 0.2864



19.3852, 0.3182, 0.3227



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.



74.6780, 0.3305, 0.3101



69.9946, 0.3351, 0.3058



74.3647, 0.3440, 0.3305



18.1236, 0.3223, 0.3183



11.7878, 0.5168, 0.2621



1.1694, 0.4888, 0.2467

Inverse Universe

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



74.6780, 0.3305, 0.3101



69.9946, 0.3351, 0.3058



91.9758, 0.2877, 0.3275



18.1236, 0.3223, 0.3183



11.7878, 0.5168, 0.2621



1.1694, 0.4888, 0.2467

Previews

White Background



This preview shows how the Yxy color 74.6747, 0.3305, 0.3101 looks on a white background.

Color Contrast Check

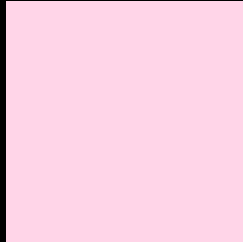
Large Text (above 18pt) WCAG AA × Fail

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 74.6747, 0.3305, 0.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

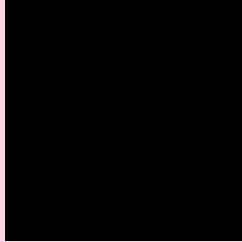
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6747, 0.3305, 0.3101

Background



This preview shows how black text looks on a background with the Yxy color 74.6747, 0.3305, 0.3101.



This preview shows how white text looks on a background with the Yxy color 74.6747, 0.3305, 0.3101.

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

74.6747, 0.3305, 0.3101

Protanopia

74.7957, 0.3038, 0.3131

Deuteranopia

74.9670, 0.3220, 0.3157



Tritanopia

74.5617, 0.3319, 0.3120

Trichromacy



Original Color

74.6747, 0.3305, 0.3101

Protanomaly

74.3813, 0.3128, 0.3114

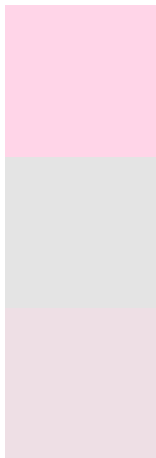
Deuteranomaly

74.6554, 0.3250, 0.3138

Tritanomaly

74.6180, 0.3312, 0.3110

Monochromacy



Original Color

74.6747, 0.3305, 0.3101

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.6096, 0.3194, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6747, 0.3305, 0.3101 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, 213, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 232)  
}
```

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, 213, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 232) }
```

Border

The CSS property to change the border of an element to Yxy 74.6747, 0.3305, 0.3101 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, 213, 232) }
```

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

```
.border{ border-color:rgb(255, 213, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6747, 0.3305, 0.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 232) }
```

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

```
.background{ background-color: rgb(255,  
213, 232) }
```

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