

Converting Colors

$Yxy(74.0762, 0.3313, 0.3099)$

Have a look what the booklet for
Yxy(74.0762, 0.3313, 0.3099)
contains.

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Color

Yxy(74.1165, 0.3313, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4E7
RGB	255, 212, 231
RGB Percent	100%, 83%, 91%
CMY	0.0000, 0.1686, 0.0940
CMYK	0.00, 0.17, 0.09, 0.00
HSL	333°, 100%, 92%
HSV	333°, 17%, 100%
XYZ	79.2090, 74.1165, 85.7600
YIQ	227.0230, 19.5290, 15.0250

Conversions

Conversions Part 2

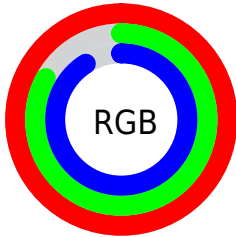
Format	Color
R _Y B	255, 212, 231
Decimal	16766183
CIE Lab	88.98, 18.04, -3.71
CIE LCh	89, 18.412, 348.387
Yxy	74.1165, 0.3313, 0.3100
Android (android.graphics.Color)	4294956263 (0xFFFFD4E7)
YUV	227.0230, 1.9607, 24.5358
Hunter-Lab	86.0909, 13.5720, 1.2016

Details

The Yxy color **74.1165, 0.3313, 0.3100** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.5665, 0.2973, 0.3488**, and the grayscale version is **76.8113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2149, 0.3362, 0.3060** is the 20% darker color. If you saturate the color by 10%, you get **61.5908, 0.3455, 0.2980**, and if you desaturate by 10%, it is **88.7271, 0.3195, 0.3215**.

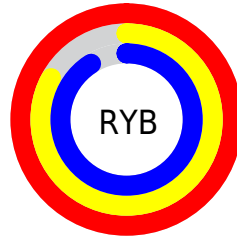
Distribution



Red (100%)

Green (83%)

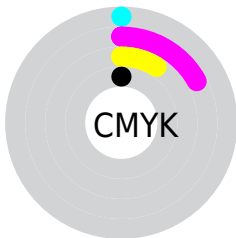
Blue (91%)



Red (100%)

Yellow (83%)

Blue (91%)

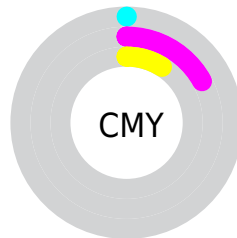


Cyan (0%)

Magenta (17%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1165, 0.3313, 0.3100 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 74.1165, 0.3313, 0.3100 by changing the saturation by 10% instead.


 74.1165, 0.3313,
0.3100

 74.1165, 0.3313,
0.3100

474.8754, 0.3228,
0.3187

 54.8894, 0.3332,
0.3081

125.0609, 0.3284,
0.3130

 39.3132, 0.3356,
0.3057


157.5471, 0.3272,
0.3141

 27.0034, 0.3386,
0.3027


195.2217, 0.3262,
0.3151

 17.5758, 0.3425,
0.2988

238.4691, 0.3254,
0.3160

 10.6459, 0.3477,
0.2936

287.6738, 0.3246,
0.3168

 5.8292, 0.3553,
0.2862

343.2201, 0.3239,

 2.7415, 0.3669,

0.3175

0.2750

405.4925, 0.3233,
0.3181

0.9983, 0.3871,
0.2559

0.0000, 0.7100,
0.0000

74.1165, 0.3313,
0.3100

74.1165, 0.3313,
0.3100

61.5908, 0.3455,
0.2980

88.7271, 0.3195,
0.3215

51.0444, 0.3626,
0.2860

99.9985, 0.3127,
0.3290

42.3771, 0.3829,
0.2746

35.4761, 0.4063,
0.2646

■ 30.2163, 0.4326,
0.2573

■ 26.4561, 0.4608,
0.2541

■ 24.0291, 0.4894,
0.2560

■ 22.7254, 0.5165,
0.2634

■ 22.4486, 0.5247,
0.2664

Harmonies

Analogous

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



74.1165, 0.3091, 0.2972



74.1165, 0.3313, 0.3100



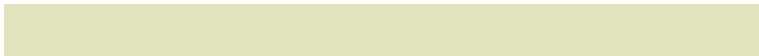
74.1165, 0.3489, 0.3276

Triad

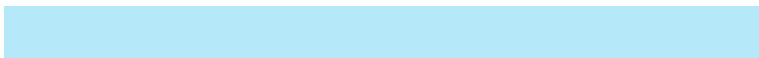
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1165, 0.3313, 0.3100



74.1165, 0.3365, 0.3680



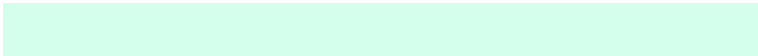
74.1165, 0.2709, 0.3094

Complementary

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



74.1165, 0.3313, 0.3100



91.5665, 0.2973, 0.3488

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.



74.1165, 0.2777, 0.3288



74.1165, 0.3313, 0.3100



74.1165, 0.3151, 0.3638

Square

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



74.1165, 0.3313, 0.3100



74.1165, 0.3518, 0.3612



74.1165, 0.2937, 0.3491



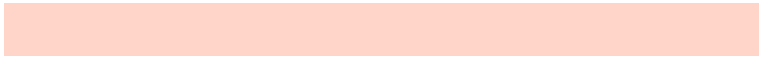
74.1165, 0.2747, 0.2963

Rectangle

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



74.1165, 0.3313, 0.3100



74.1165, 0.3553, 0.3402



74.1165, 0.2937, 0.3491



74.1165, 0.2720, 0.3154

Sweetspot

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



74.1198, 0.3313, 0.3100



91.6840, 0.3176, 0.3236



72.0818, 0.3011, 0.2853



19.3834, 0.3183, 0.3228



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.



74.1198, 0.3313, 0.3100



69.9687, 0.3355, 0.3063



74.1837, 0.3448, 0.3313



18.1207, 0.3224, 0.3185



11.7596, 0.5207, 0.2642



1.1666, 0.4923, 0.2486

Inverse Universe

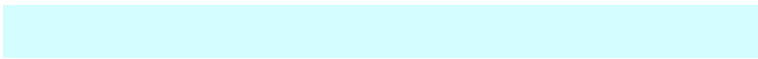
The Inverse Universe completely reimagines the original color for something new.



74.1198, 0.3313, 0.3100



69.9687, 0.3355, 0.3063



91.3686, 0.2871, 0.3267



18.1207, 0.3224, 0.3185



11.7596, 0.5207, 0.2642



1.1666, 0.4923, 0.2486

Previews

White Background



This preview shows how the Yxy color 74.1165, 0.3313, 0.3100 looks on a white background.

Color Contrast Check

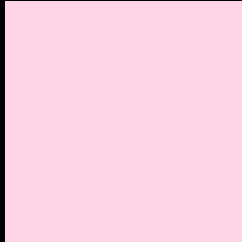
Large Text (above 18pt) WCAG AA × Fail

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 74.1165, 0.3313, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

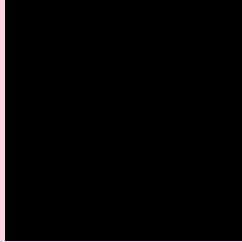
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1165, 0.3313, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 74.1165, 0.3313, 0.3100.



This preview shows how white text looks on a background with the Yxy color 74.1165, 0.3313, 0.3100.

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

74.1165, 0.3313, 0.3100

Protanopia

74.2043, 0.3044, 0.3131

Deuteranopia

74.2161, 0.3220, 0.3156



Tritanopia

74.0041, 0.3328, 0.3120

Trichromacy



Original Color

74.1165, 0.3313, 0.3100

Protanomaly

73.8031, 0.3135, 0.3113

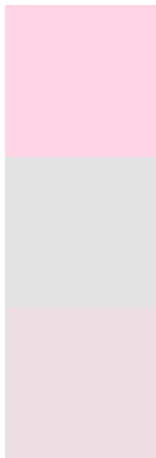
Deuteranomaly

74.0882, 0.3258, 0.3138

Tritanomaly

74.0601, 0.3320, 0.3110

Monochromacy



Original Color

74.1165, 0.3313, 0.3100

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.8485, 0.3194, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1165, 0.3313, 0.3100 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, 212, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 231)  
}
```

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, 212, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 231) }
```

Border

The CSS property to change the border of an element to Yxy 74.1165, 0.3313, 0.3100 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, 212, 231) }
```

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

```
.border{ border-color:rgb(255, 212, 231) }
```

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

Here you see how a box with a 4 pixel rgb(255, 212, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1165, 0.3313, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 231) }
```

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

```
.background{ background-color: rgb(255,  
212, 231) }
```

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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