

Converting Colors

$Y_{xy}(100.0000, 0.4086, 0.3178)$

Have a look what the booklet for
Yxy(100.0000, 0.4086, 0.3178)
contains.

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Color

Yxy(74.4499, 0.3334, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5E4
RGB	255, 213, 228
RGB Percent	100%, 84%, 89%
CMY	0.0000, 0.1647, 0.1059
CMYK	0.00, 0.16, 0.11, 0.00
HSL	339°, 100%, 92%
HSV	339°, 16%, 100%
XYZ	79.0497, 74.4499, 83.6020
YIQ	227.2680, 20.2170, 13.5690

Conversions

Conversions Part 2

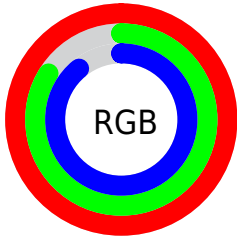
Format	Color
R _Y B	255, 213, 228
Decimal	16766436
CIE Lab	89.13, 17.04, -1.87
CIE LCh	89, 17.144, 353.728
Yxy	74.4499, 0.3334, 0.3140
Android (android.graphics.Color)	4294956516 (0xFFFFD5E4)
YUV	227.2680, 0.3609, 24.3210
Hunter-Lab	86.2844, 12.5357, 2.9522

Details

The Yxy color **74.4499, 0.3334, 0.3140** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.9552, 0.2957, 0.3445**, and the grayscale version is **77.0018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4766, 0.3379, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **61.7426, 0.3497, 0.3043**, and if you desaturate by 10%, it is **89.2498, 0.3200, 0.3233**.

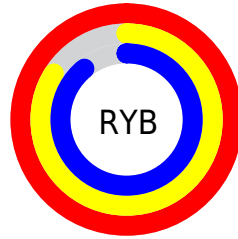
Distribution



Red (100%)

Green (84%)

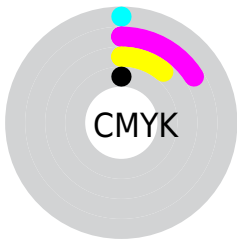
Blue (89%)



Red (100%)

Yellow (84%)

Blue (89%)

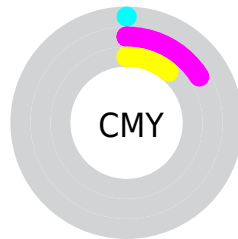


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4499, 0.3334, 0.3140 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 74.4499, 0.3334, 0.3140 by changing the saturation by 10% instead.


 74.4499, 0.3334,
0.3140

 74.4499, 0.3334,
0.3140

476.0247, 0.3239,
0.3209

 55.1623, 0.3356,
0.3124

125.5334, 0.3301,
0.3164

 39.5317, 0.3382,
0.3105

158.0981, 0.3288,
0.3173

 27.1736, 0.3416,
0.3081


195.8573, 0.3277,
0.3181

 17.7037, 0.3460,
0.3050

239.1954, 0.3268,
0.3188

 10.7374, 0.3519,
0.3008

288.4968, 0.3259,
0.3194

 5.8906, 0.3605,
0.2948

344.1459, 0.3252,

 2.7787, 0.3738,

0.3199

0.2856

406.5270, 0.3245,
0.3204

1.0173, 0.3972,
0.2696

0.0000, 0.9242,
0.0000

74.4499, 0.3334,
0.3140

74.4499, 0.3334,
0.3140

61.7426, 0.3497,
0.3043

89.2498, 0.3200,
0.3233

51.0472, 0.3695,
0.2945

100.0000, 0.3127,
0.3290

42.2545, 0.3931,
0.2852

35.2511, 0.4208,
0.2773

■ 29.9115, 0.4520,
0.2719

■ 26.0935, 0.4855,
0.2703

■ 23.6308, 0.5190,
0.2736

■ 22.3162, 0.5498,
0.2821

■ 22.0173, 0.5598,
0.2858

Harmonies

Analogous

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



74.4499, 0.3131, 0.3010



74.4499, 0.3334, 0.3140



74.4499, 0.3484, 0.3309

Triad

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



74.4499, 0.3334, 0.3140



74.4499, 0.3316, 0.3653



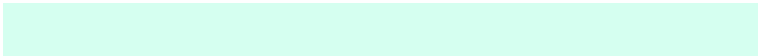
74.4499, 0.2736, 0.3081

Complementary

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



74.4499, 0.3334, 0.3140



91.9552, 0.2957, 0.3445

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.



74.4499, 0.2783, 0.3254



74.4499, 0.3334, 0.3140



74.4499, 0.3113, 0.3594

Square

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



74.4499, 0.3334, 0.3140



74.4499, 0.3472, 0.3608



74.4499, 0.2919, 0.3445



74.4499, 0.2790, 0.2972

Rectangle

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



74.4499, 0.3334, 0.3140



74.4499, 0.3530, 0.3425



74.4499, 0.2919, 0.3445



74.4499, 0.2741, 0.3134

Sweetspot

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



74.4447, 0.3334, 0.3140



91.6166, 0.3183, 0.3246



73.2579, 0.3038, 0.2867



19.3671, 0.3191, 0.3240



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

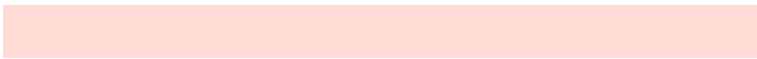
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4447, 0.3334, 0.3140



69.7316, 0.3388, 0.3106



76.5134, 0.3433, 0.3348



18.0943, 0.3238, 0.3205



11.5303, 0.5555, 0.2834



1.1426, 0.5241, 0.2661

Inverse Universe

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



74.4447, 0.3334, 0.3140



69.7316, 0.3388, 0.3106



89.3626, 0.2875, 0.3232



18.0943, 0.3238, 0.3205



11.5303, 0.5555, 0.2834



1.1426, 0.5241, 0.2661

Previews

White Background



This preview shows how the Yxy color 74.4499, 0.3334, 0.3140 looks on a white background.

Color Contrast Check

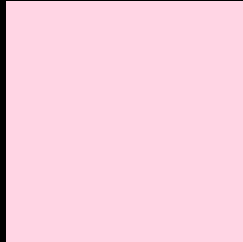
Large Text (above 18pt) WCAG AA × Fail

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 74.4499, 0.3334, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

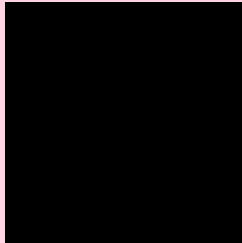
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.4499, 0.3334, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 74.4499, 0.3334, 0.3140.

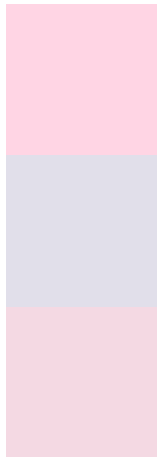


This preview shows how white text looks on a background with the Yxy color 74.4499, 0.3334, 0.3140.

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

74.4499, 0.3334, 0.3140

Protanopia

74.7234, 0.3070, 0.3173

Deuteranopia

74.4049, 0.3255, 0.3188



Tritanopia

74.5056, 0.3326, 0.3130

Trichromacy



Original Color

74.4499, 0.3334, 0.3140

Protanomaly

74.3221, 0.3162, 0.3155

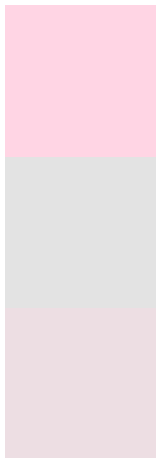
Deuteranomaly

74.6142, 0.3286, 0.3178

Tritanomaly

74.5056, 0.3326, 0.3130

Monochromacy



Original Color

74.4499, 0.3334, 0.3140

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.7931, 0.3201, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4499, 0.3334, 0.3140 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 228) }
```

Border

The CSS property to change the border of an element to Yxy 74.4499, 0.3334, 0.3140 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, 228) }
```

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

```
.border{ border-color:rgb(255, 213, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4499, 0.3334, 0.3140 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, 228) }
```

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

```
.background{ background-color: rgb(255,  
213, 228) }
```

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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