

Converting Colors

$Y_{xy}(73.4427, 0.3403, 0.3225)$

Have a look what the booklet for
Yxy(73.4427, 0.3403, 0.3225)
contains.

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Color

Yxy(73.4614, 0.3400, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4DB
RGB	255, 212, 219
RGB Percent	100%, 83%, 86%
CMY	0.0000, 0.1686, 0.1412
CMYK	0.00, 0.17, 0.14, 0.00
HSL	350°, 100%, 92%
HSV	350°, 17%, 100%
XYZ	77.5679, 73.4614, 77.1117
YIQ	225.6550, 23.3810, 11.2930

Conversions

Conversions Part 2

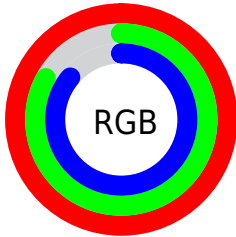
Format	Color
R _Y B	255, 212, 219
Decimal	16766171
CIE Lab	88.67, 16.10, 2.19
CIE LCh	89, 16.248, 7.742
Yxy	73.4614, 0.3400, 0.3220
Android (android.graphics.Color)	4294956251 (0xFFFFD4DB)
YUV	225.6550, -3.2809, 25.7356
Hunter-Lab	85.7096, 11.5522, 6.6544

Details

The Yxy color **73.4614, 0.3400, 0.3220** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.2911, 0.2909, 0.3361**, and the grayscale version is **75.8045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8000, 0.3468, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **60.6529, 0.3616, 0.3176**, and if you desaturate by 10%, it is **88.4339, 0.3226, 0.3263**.

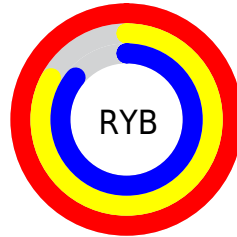
Distribution



Red (100%)

Green (83%)

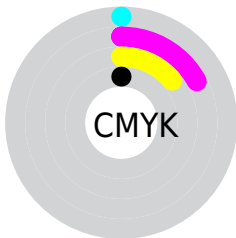
Blue (86%)



Red (100%)

Yellow (83%)

Blue (86%)

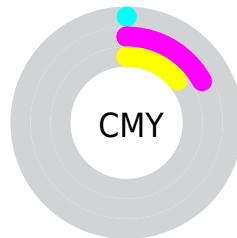


Cyan (0%)

Magenta (17%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4614, 0.3400, 0.3220 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 73.4614, 0.3400, 0.3220 by changing the saturation by 10% instead.


 73.4614, 0.3400,
0.3220

 73.4614, 0.3400,
0.3220


472.6124, 0.3273,
0.3253

 54.3533, 0.3429,
0.3212


124.1320, 0.3356,
0.3232

 38.8842, 0.3465,
0.3203

156.4633, 0.3339,
0.3236

 26.6697, 0.3510,
0.3190


193.9712, 0.3324,
0.3240

 17.3253, 0.3570,
0.3174

237.0400, 0.3311,
0.3243

 10.4667, 0.3652,
0.3151

286.0541, 0.3300,
0.3246

 5.7095, 0.3770,
0.3117

341.3980, 0.3290,

 2.6692, 0.3956,

0.3249

0.3062

403.4559, 0.3281,
0.3251

0.9616, 0.4295,
0.2960

0.0000, 1.0000,
0.0000

73.4614, 0.3400,
0.3220

73.4614, 0.3400,
0.3220

60.6529, 0.3616,
0.3176

88.4339, 0.3226,
0.3263

49.8987, 0.3881,
0.3131

99.9987, 0.3127,
0.3290

41.0947, 0.4203,
0.3091

34.1234, 0.4581,
0.3060

■ 28.8548, 0.5003,
0.3046

■ 25.1418, 0.5436,
0.3058

■ 22.8118, 0.5830,
0.3101

■ 21.6479, 0.6129,
0.3169

■ 21.4224, 0.6202,
0.3190

Harmonies

Analogous

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



73.4614, 0.3224, 0.3074



73.4614, 0.3400, 0.3220



73.4614, 0.3502, 0.3387

Triad

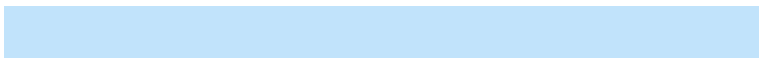
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4614, 0.3400, 0.3220



73.4614, 0.3219, 0.3621



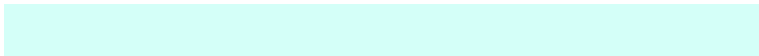
73.4614, 0.2767, 0.3034

Complementary

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



73.4614, 0.3400, 0.3220



92.2911, 0.2909, 0.3361

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.



73.4614, 0.2766, 0.3174



73.4614, 0.3400, 0.3220



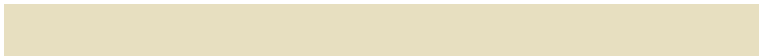
73.4614, 0.3023, 0.3521

Square

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



73.4614, 0.3400, 0.3220



73.4614, 0.3395, 0.3624



73.4614, 0.2859, 0.3354



73.4614, 0.2860, 0.2966

Rectangle

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



73.4614, 0.3400, 0.3220



73.4614, 0.3513, 0.3491



73.4614, 0.2859, 0.3354



73.4614, 0.2756, 0.3073

Sweetspot

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



73.4647, 0.3400, 0.3220



91.4646, 0.3198, 0.3270



74.2360, 0.3096, 0.2864



19.3302, 0.3209, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

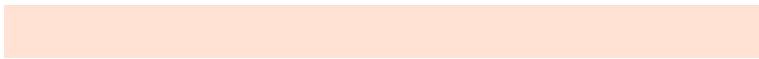
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4647, 0.3400, 0.3220



69.2144, 0.3463, 0.3206



80.5887, 0.3427, 0.3435



18.0353, 0.3269, 0.3252



11.2084, 0.6170, 0.3173



1.1044, 0.5893, 0.3020

Inverse Universe

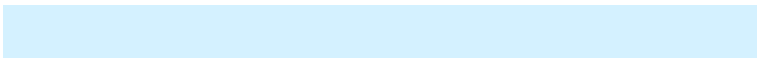
The Inverse Universe completely reimagines the original color for something new.



73.4647, 0.3400, 0.3220



69.2144, 0.3463, 0.3206



83.9303, 0.2865, 0.3140



18.0353, 0.3269, 0.3252



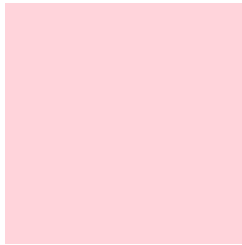
11.2084, 0.6170, 0.3173



1.1044, 0.5893, 0.3020

Previews

White Background



This preview shows how the Yxy color 73.4614, 0.3400, 0.3220 looks on a white background.

Color Contrast Check

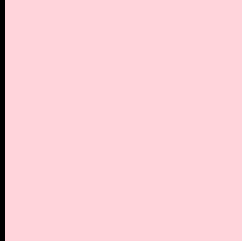
Large Text (above 18pt) WCAG AA × Fail

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 73.4614, 0.3400, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

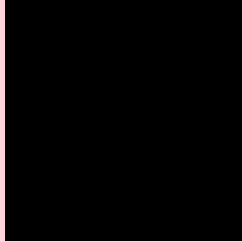
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4614, 0.3400, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 73.4614, 0.3400, 0.3220.

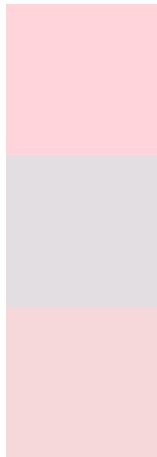


This preview shows how white text looks on a background with the Yxy color 73.4614, 0.3400, 0.3220.

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

73.4614, 0.3400, 0.3220

Protanopia

73.8475, 0.3136, 0.3258

Deuteranopia

73.7665, 0.3334, 0.3270



Tritanopia

73.3946, 0.3343, 0.3130

Trichromacy



Original Color

73.4614, 0.3400, 0.3220

Protanomaly

73.4750, 0.3231, 0.3238

Deuteranomaly

73.8026, 0.3358, 0.3260

Tritanomaly

73.2303, 0.3365, 0.3160

Monochromacy



Original Color

73.4614, 0.3400, 0.3220

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.0451, 0.3228, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4614, 0.3400, 0.3220 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 219) }
```

Border

The CSS property to change the border of an element to Yxy 73.4614, 0.3400, 0.3220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

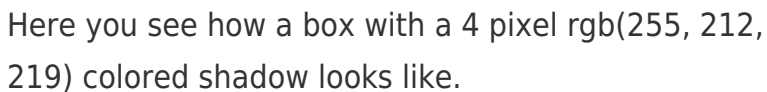
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 212, 219) }
```

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

```
.border{ border-color:rgb(255, 212, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4614, 0.3400, 0.3220 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, 219) }
```

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

```
.background{ background-color: rgb(255,  
212, 219) }
```

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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