Converting Colors

Yxy(73.2512, 0.3397, 0.3211)

Have a look what the booklet for Yxy(73.2512, 0.3397, 0.3211) 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

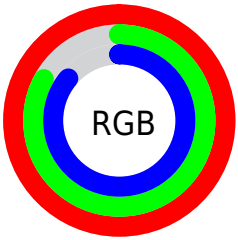
Format	Color
RYB	255, 212, 219
Decimal	16766171
CIELab	88.67, 16.10, 2.19
CIELCh	89, 16.248, 7.742
Yxy	73.4614, 0.3400, 0.3220
Android (android.graphics.Color)	4294956251 (0xFFFFD4DB)
YUV	225.6550, -3.2809, 25.7356
Hunter-Lab	85.7096, 11.5522, 6.6544

Details

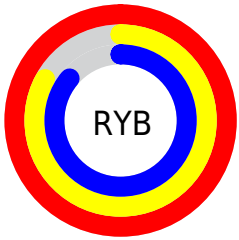
The Yxy color 73.4614, 0.3400, 0.3220 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 92.2911, 0.2909, 0.3361, and the grayscale version is 75.8045, 0.3127, 0.3290.

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

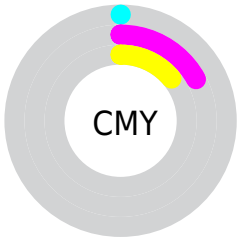


- Red (100%)
- Green (83%)
- Blue (86%)



- 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

403.4559, 0.3281, 0.3251

0.3062

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

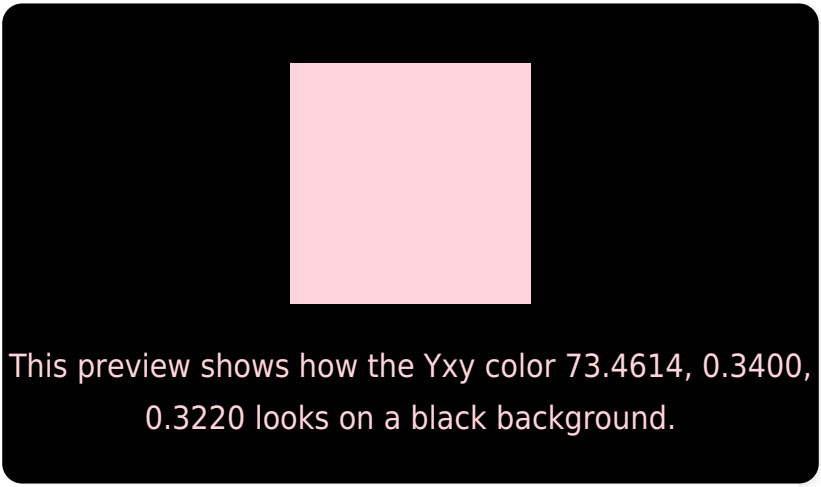
White Background

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



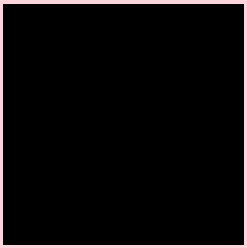
This preview shows how the Yxy color 73.4614, 0.3400, 0.3220 looks on a black background.

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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