

Converting Colors

$Y_{xy}(71.9884, 0.3409, 0.3197)$

Have a look what the booklet for
Yxy(71.9884, 0.3409, 0.3197)
contains.

Yxy(71.9229, 0.3412, 0.3200)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.9229, 0.3412, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1DA
RGB	255, 209, 218
RGB Percent	100%, 82%, 85%
CMY	0.0001, 0.1803, 0.1452
CMYK	0.00, 0.18, 0.15, 0.00
HSL	348°, 100%, 91%
HSV	348°, 18%, 100%
XYZ	76.6878, 71.9229, 76.1484
YIQ	223.7800, 24.5270, 12.5510

Conversions

Conversions Part 2

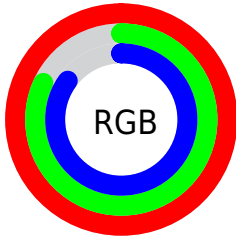
Format	Color
R _Y B	255, 209, 218
Decimal	16765402
CIE Lab	87.93, 17.50, 1.67
CIE LCh	88, 17.577, 5.437
Yxy	71.9229, 0.3412, 0.3200
Android (android.graphics.Color)	4294955482 (0xFFFFD1DA)
YUV	223.7800, -2.8495, 27.3799
Hunter-Lab	84.8074, 12.9973, 6.1288

Details

The Yxy color **71.9229, 0.3412, 0.3200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.7240, 0.2902, 0.3382**, and the grayscale version is **74.3838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7613, 0.3484, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **59.3892, 0.3624, 0.3147**, and if you desaturate by 10%, it is **86.5986, 0.3240, 0.3251**.

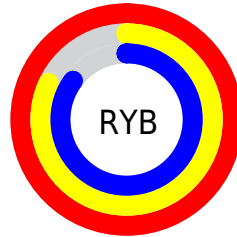
Distribution



Red (100%)

Green (82%)

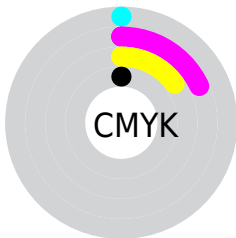
Blue (85%)



Red (100%)

Yellow (82%)

Blue (85%)

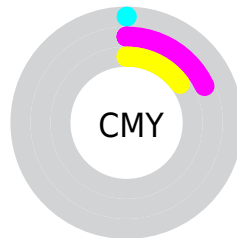


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9229, 0.3412, 0.3200 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 71.9229, 0.3412, 0.3200 by changing the saturation by 10% instead.


 71.9229, 0.3412,
0.3200

 71.9229, 0.3412,
0.3200


467.2732, 0.3279,
0.3242

 53.0957, 0.3442,
0.3190

121.9469, 0.3366,
0.3215

 37.8792, 0.3480,
0.3178


153.9125, 0.3348,
0.3221

 25.8889, 0.3528,
0.3162


191.0264, 0.3333,
0.3226

 16.7406, 0.3591,
0.3141

233.6728, 0.3319,
0.3230

 10.0497, 0.3678,
0.3112

282.2364, 0.3307,
0.3234

 5.4319, 0.3804,
0.3070

337.1014, 0.3297,

 2.5028, 0.4003,

0.3237

0.3001

398.6522, 0.3288,
0.3240

0.8781, 0.4374,
0.2876

0.0000, 1.0000,
0.0000

71.9229, 0.3412,
0.3200

71.9229, 0.3412,
0.3200

59.3892, 0.3624,
0.3147

86.5986, 0.3240,
0.3251

48.8878, 0.3885,
0.3094

99.9972, 0.3127,
0.3290

40.3141, 0.4199,
0.3045

33.5502, 0.4567,
0.3009

■ 28.4650, 0.4976,
0.2993

■ 24.9101, 0.5397,
0.3007

■ 22.7103, 0.5781,
0.3056

■ 21.6300, 0.6080,
0.3135

■ 21.4847, 0.6128,
0.3150

Harmonies

Analogous

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



71.9229, 0.3216, 0.3046



71.9229, 0.3412, 0.3200



71.9229, 0.3531, 0.3381

Triad

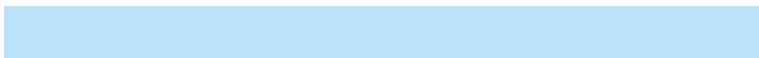
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9229, 0.3412, 0.3200



71.9229, 0.3243, 0.3656



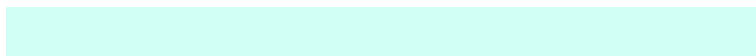
71.9229, 0.2732, 0.3020

Complementary

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



71.9229, 0.3412, 0.3200



91.7240, 0.2902, 0.3382

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.



71.9229, 0.2739, 0.3177



71.9229, 0.3412, 0.3200



71.9229, 0.3030, 0.3555

Square

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



71.9229, 0.3412, 0.3200



71.9229, 0.3430, 0.3650



71.9229, 0.2847, 0.3375



71.9229, 0.2826, 0.2940

Rectangle

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



71.9229, 0.3412, 0.3200



71.9229, 0.3549, 0.3495



71.9229, 0.2847, 0.3375



71.9229, 0.2723, 0.3065

Sweetspot

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



71.9261, 0.3412, 0.3200



91.4895, 0.3195, 0.3266



72.3827, 0.3083, 0.2832



19.3362, 0.3206, 0.3263



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

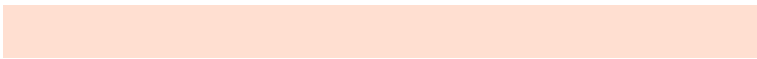
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9261, 0.3412, 0.3200



66.7054, 0.3491, 0.3179



78.5335, 0.3454, 0.3430



18.0449, 0.3264, 0.3244



11.2440, 0.6093, 0.3130



1.1092, 0.5798, 0.2968

Inverse Universe

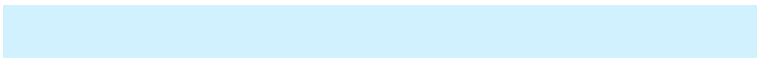
The Inverse Universe completely reimagines the original color for something new.



71.9261, 0.3412, 0.3200



66.7054, 0.3491, 0.3179



83.8024, 0.2847, 0.3145



18.0449, 0.3264, 0.3244



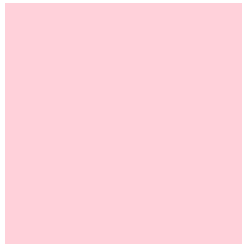
11.2440, 0.6093, 0.3130



1.1092, 0.5798, 0.2968

Previews

White Background



This preview shows how the Yxy color 71.9229, 0.3412, 0.3200 looks on a white background.

Color Contrast Check

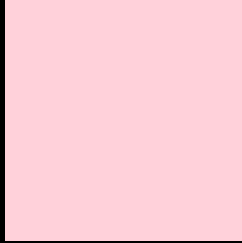
Large Text (above 18pt) WCAG AA × Fail

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 71.9229, 0.3412, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

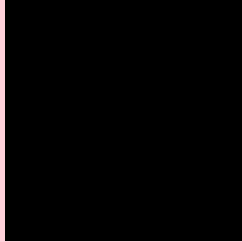
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.9229, 0.3412, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 71.9229, 0.3412, 0.3200.

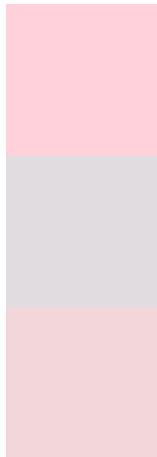


This preview shows how white text looks on a background with the Yxy color 71.9229, 0.3412, 0.3200.

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

71.9229, 0.3412, 0.3200

Protanopia

72.4155, 0.3129, 0.3247

Deuteranopia

72.1576, 0.3321, 0.3259



Tritanopia

71.7536, 0.3369, 0.3129

Trichromacy



Original Color

71.9229, 0.3412, 0.3200

Protanomaly

72.0478, 0.3225, 0.3227

Deuteranomaly

71.8709, 0.3354, 0.3239

Tritanomaly

71.6457, 0.3384, 0.3149

Monochromacy



Original Color

71.9229, 0.3412, 0.3200

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.5991, 0.3222, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9229, 0.3412, 0.3200 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, 209, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 218)  
}
```

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, 209, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 218) }
```

Border

The CSS property to change the border of an element to Yxy 71.9229, 0.3412, 0.3200 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, 209, 218) }
```

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

```
.border{ border-color:rgb(255, 209, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9229, 0.3412, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 218) }
```

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

```
.background{ background-color: rgb(255,  
209, 218) }
```

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