

Converting Colors

$Y_{xy}(71.6279, 0.3440, 0.3235)$

Have a look what the booklet for
Yxy(71.6279, 0.3440, 0.3235)
contains.

Yxy(71.7160, 0.3442, 0.3240)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.7160, 0.3442, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1D6
RGB	255, 209, 214
RGB Percent	100%, 82%, 84%
CMY	0.0000, 0.1804, 0.1608
CMYK	0.00, 0.18, 0.16, 0.00
HSL	353°, 100%, 91%
HSV	353°, 18%, 100%
XYZ	76.1872, 71.7160, 73.4425
YIQ	223.3240, 25.8110, 11.3070

Conversions

Conversions Part 2

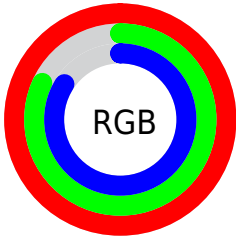
Format	Color
R _Y B	255, 209, 214
Decimal	16765398
CIE Lab	87.83, 16.91, 3.62
CIE LCh	88, 17.296, 12.087
Yxy	71.7160, 0.3442, 0.3240
Android (android.graphics.Color)	4294955478 (0xFFFFD1D6)
YUV	223.3240, -4.5967, 27.7799
Hunter-Lab	84.6853, 12.3884, 7.8610

Details

The Yxy color **71.7160, 0.3442, 0.3240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.9762, 0.2881, 0.3341**, and the grayscale version is **74.0496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6202, 0.3525, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **59.1043, 0.3678, 0.3210**, and if you desaturate by 10%, it is **86.4851, 0.3252, 0.3269**.

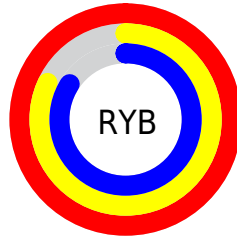
Distribution



Red (100%)

Green (82%)

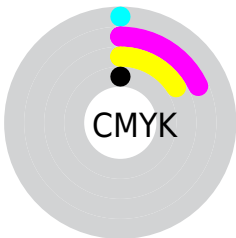
Blue (84%)



Red (100%)

Yellow (82%)

Blue (84%)

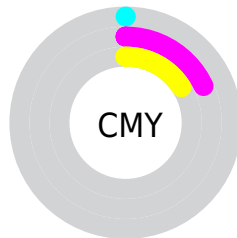


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7160, 0.3442, 0.3240 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 71.7160, 0.3442, 0.3240 by changing the saturation by 10% instead.


 71.7160, 0.3442,
0.3240

 71.7160, 0.3442,
0.3240


466.5525, 0.3295,
0.3265

 52.9267, 0.3476,
0.3234


121.6527, 0.3391,
0.3249

 37.7443, 0.3518,
0.3227


153.5688, 0.3371,
0.3252

 25.7843, 0.3571,
0.3217


190.6294, 0.3354,
0.3255

 16.6623, 0.3642,
0.3204

233.2188, 0.3339,
0.3257

 9.9940, 0.3738,
0.3185

281.7215, 0.3326,
0.3260

 5.3950, 0.3879,
0.3156

336.5217, 0.3315,

 2.4808, 0.4103,

0.3261

0.3106

398.0039, 0.3304,
0.3263

0.8670, 0.4553,
0.3032

0.0000, 1.0000,
0.0000

71.7160, 0.3442,
0.3240

71.7160, 0.3442,
0.3240

59.1043, 0.3678,
0.3210

86.4851, 0.3252,
0.3269

48.5589, 0.3969,
0.3181

100.0000, 0.3127,
0.3290

39.9663, 0.4322,
0.3156

33.2063, 0.4732,
0.3138

■ 28.1456, 0.5182,
0.3134

■ 24.6326, 0.5627,
0.3149

■ 22.4887, 0.6006,
0.3185

■ 21.4737, 0.6262,
0.3236

■ 21.3426, 0.6298,
0.3243

Harmonies

Analogous

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



71.7160, 0.3261, 0.3079



71.7160, 0.3442, 0.3240



71.7160, 0.3537, 0.3418

Triad

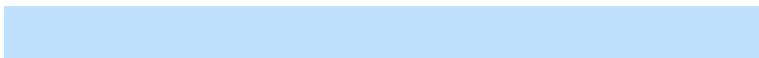
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7160, 0.3442, 0.3240



71.7160, 0.3195, 0.3637



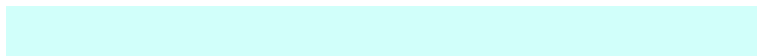
71.7160, 0.2750, 0.2999

Complementary

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



71.7160, 0.3442, 0.3240



91.9762, 0.2881, 0.3341

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.



71.7160, 0.2734, 0.3139



71.7160, 0.3442, 0.3240



71.7160, 0.2987, 0.3516

Square

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



71.7160, 0.3442, 0.3240



71.7160, 0.3390, 0.3655



71.7160, 0.2820, 0.3330



71.7160, 0.2863, 0.2940

Rectangle

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



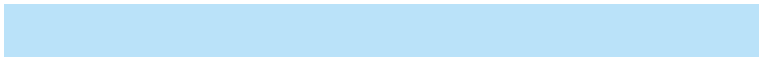
71.7160, 0.3442, 0.3240



71.7160, 0.3537, 0.3526



71.7160, 0.2820, 0.3330



71.7160, 0.2733, 0.3038

Sweetspot

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



71.7125, 0.3442, 0.3240



91.4228, 0.3202, 0.3277



73.0737, 0.3110, 0.2836



19.3201, 0.3213, 0.3275



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

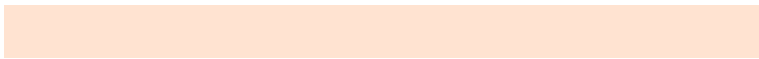
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7125, 0.3442, 0.3240



66.4687, 0.3529, 0.3228



80.5986, 0.3448, 0.3469



18.0192, 0.3277, 0.3264



11.1622, 0.6275, 0.3230



1.0968, 0.6049, 0.3106

Inverse Universe

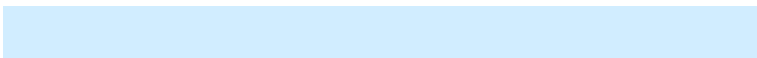
The Inverse Universe completely reimagines the original color for something new.



71.7125, 0.3442, 0.3240



66.4687, 0.3529, 0.3228



81.5537, 0.2845, 0.3104



18.0192, 0.3277, 0.3264



11.1622, 0.6275, 0.3230



1.0968, 0.6049, 0.3106

Previews

White Background



This preview shows how the Yxy color 71.7160, 0.3442, 0.3240 looks on a white background.

Color Contrast Check

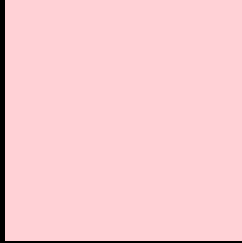
Large Text (above 18pt) WCAG AA × Fail

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 71.7160, 0.3442, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

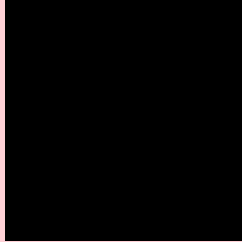
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.7160, 0.3442, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 71.7160, 0.3442, 0.3240.

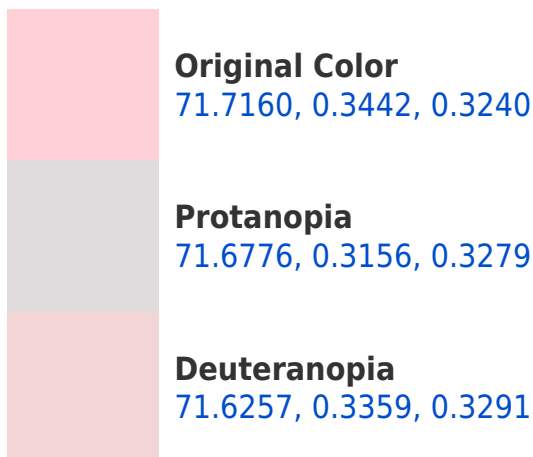


This preview shows how white text looks on a background with the Yxy color 71.7160, 0.3442, 0.3240.

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





Tritanopia

71.6995, 0.3376, 0.3139

Trichromacy



Original Color

71.7160, 0.3442, 0.3240

Protanomaly

71.3250, 0.3254, 0.3259

Deuteranomaly

71.8475, 0.3391, 0.3280

Tritanomaly

71.5391, 0.3399, 0.3169

Monochromacy



Original Color

71.7160, 0.3442, 0.3240

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.9723, 0.3237, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7160, 0.3442, 0.3240 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 214) }
```

Border

The CSS property to change the border of an element to Yxy 71.7160, 0.3442, 0.3240 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, 214) }
```

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

```
.border{ border-color:rgb(255, 209, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7160, 0.3442, 0.3240 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
209, 214) }
```

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