

Converting Colors

$Y_{xy}(73.7325, 0.3341, 0.3134)$

Have a look what the booklet for
Yxy(73.7325, 0.3341, 0.3134)
contains.

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Color

Yxy(73.8930, 0.3342, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4E3
RGB	255, 212, 227
RGB Percent	100%, 83%, 89%
CMY	0.0000, 0.1686, 0.1098
CMYK	0.00, 0.17, 0.11, 0.00
HSL	339°, 100%, 92%
HSV	339°, 17%, 100%
XYZ	78.6466, 73.8930, 82.7884
YIQ	226.5670, 20.8130, 13.7810

Conversions

Conversions Part 2

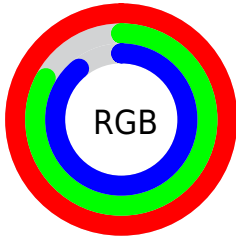
Format	Color
R _Y B	255, 212, 227
Decimal	16766179
CIE Lab	88.87, 17.37, -1.73
CIE LCh	89, 17.460, 354.314
Yxy	73.8930, 0.3342, 0.3140
Android (android.graphics.Color)	4294956259 (0xFFFFD4E3)
YUV	226.5670, 0.2135, 24.9357
Hunter-Lab	85.9610, 12.8796, 3.0710

Details

The Yxy color **73.8930, 0.3342, 0.3140** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.8068, 0.2951, 0.3445**, and the grayscale version is **76.4740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0983, 0.3391, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **61.2644, 0.3509, 0.3045**, and if you desaturate by 10%, it is **88.6298, 0.3206, 0.3231**.

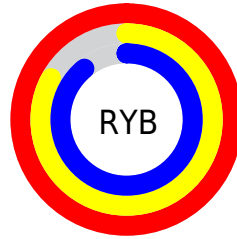
Distribution



Red (100%)

Green (83%)

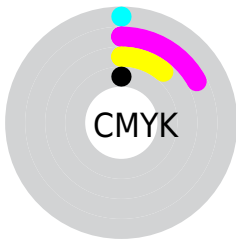
Blue (89%)



Red (100%)

Yellow (83%)

Blue (89%)

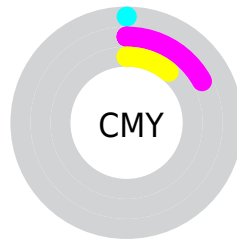


Cyan (0%)

Magenta (17%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8930, 0.3342, 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 73.8930, 0.3342, 0.3140 by changing the saturation by 10% instead.

 73.8930, 0.3342,
0.3140

 73.8930, 0.3342,
0.3140


474.1040, 0.3243,
0.3209

 54.7065, 0.3365,
0.3124

124.7441, 0.3308,
0.3164

 39.1668, 0.3392,
0.3105

157.1775, 0.3294,
0.3173

 26.8895, 0.3427,
0.3081

194.7953, 0.3283,
0.3181

 17.4902, 0.3473,
0.3050

237.9818, 0.3273,
0.3188

 10.5846, 0.3536,
0.3007

287.1216, 0.3264,
0.3194

 5.7883, 0.3625,
0.2947

342.5990, 0.3256,

 2.7168, 0.3765,

0.3200

0.2853

404.7983, 0.3249,
0.3204

0.9857, 0.4012,
0.2690

0.0000, 1.0000,
0.0000

73.8930, 0.3342,
0.3140

73.8930, 0.3342,
0.3140

61.2644, 0.3509,
0.3045

88.6298, 0.3206,
0.3231

50.6375, 0.3711,
0.2950

99.9991, 0.3127,
0.3290

41.9110, 0.3952,
0.2860

34.9712, 0.4235,
0.2783

■ 29.6917, 0.4553,
0.2732

■ 25.9297, 0.4894,
0.2720

■ 23.5175, 0.5233,
0.2756

■ 22.2436, 0.5542,
0.2844

■ 21.9790, 0.5631,
0.2876

Harmonies

Analogous

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



73.8930, 0.3135, 0.3006



73.8930, 0.3342, 0.3140



73.8930, 0.3493, 0.3313

Triad

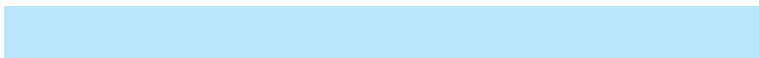
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8930, 0.3342, 0.3140



73.8930, 0.3316, 0.3661



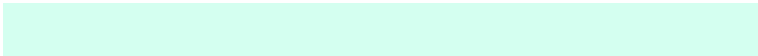
73.8930, 0.2728, 0.3074

Complementary

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



73.8930, 0.3342, 0.3140



91.8068, 0.2951, 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.



73.8930, 0.2774, 0.3249



73.8930, 0.3342, 0.3140



73.8930, 0.3109, 0.3599

Square

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



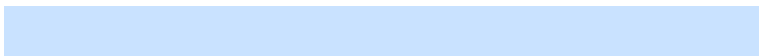
73.8930, 0.3342, 0.3140



73.8930, 0.3476, 0.3616



73.8930, 0.2911, 0.3445



73.8930, 0.2785, 0.2964

Rectangle

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



73.8930, 0.3342, 0.3140



73.8930, 0.3539, 0.3431



73.8930, 0.2911, 0.3445



73.8930, 0.2732, 0.3127

Sweetspot

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



73.8963, 0.3342, 0.3140



91.6098, 0.3183, 0.3247



72.8274, 0.3041, 0.2857



19.3654, 0.3192, 0.3241



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

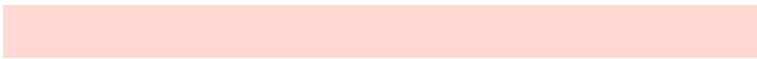
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8963, 0.3342, 0.3140



69.7081, 0.3391, 0.3111



76.3929, 0.3441, 0.3356



18.0917, 0.3239, 0.3207



11.5103, 0.5588, 0.2852



1.1404, 0.5273, 0.2678

Inverse Universe

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



73.8963, 0.3342, 0.3140



69.7081, 0.3391, 0.3111



88.6898, 0.2869, 0.3223



18.0917, 0.3239, 0.3207



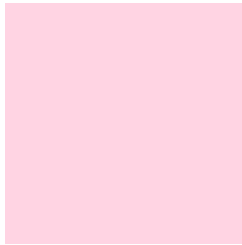
11.5103, 0.5588, 0.2852



1.1404, 0.5273, 0.2678

Previews

White Background



This preview shows how the Yxy color 73.8930, 0.3342, 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 73.8930, 0.3342, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

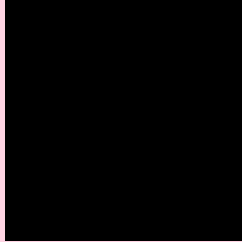
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.8930, 0.3342, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 73.8930, 0.3342, 0.3140.



This preview shows how white text looks on a background with the Yxy color 73.8930, 0.3342, 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

73.8930, 0.3342, 0.3140

Protanopia

74.1333, 0.3077, 0.3173

Deuteranopia

73.8358, 0.3263, 0.3187



Tritanopia

73.9484, 0.3335, 0.3130

Trichromacy



Original Color

73.8930, 0.3342, 0.3140

Protanomaly

73.7452, 0.3169, 0.3155

Deuteranomaly

74.0483, 0.3294, 0.3178

Tritanomaly

73.9484, 0.3335, 0.3130

Monochromacy



Original Color

73.8930, 0.3342, 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 73.8930, 0.3342, 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, 212, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 227) }
```

Border

The CSS property to change the border of an element to Yxy 73.8930, 0.3342, 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, 212, 227) }
```

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

```
.border{ border-color:rgb(255, 212, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8930, 0.3342, 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, 212, 227) }
```

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

```
.background{ background-color: rgb(255,  
212, 227) }
```

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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