

Converting Colors

$Y_{xy}(73.3673, 0.3355, 0.3147)$

Have a look what the booklet for
Yxy(73.3673, 0.3355, 0.3147)
contains.

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Color

Yxy(73.2848, 0.3358, 0.3150)

Conversions

Conversions Part 1	
Format	Color
Hex	FFD3E1
RGB	255, 211, 225
RGB Percent	100%, 83%, 88%
CMY	0.0000, 0.1725, 0.1178
CMYK	0.00, 0.17, 0.12, 0.00
HSL	341°, 100%, 91%
HSV	341°, 17%, 100%
XYZ	78.1239, 73.2848, 81.2414
YIQ	225.7520, 21.7300, 13.6820

Conversions

Conversions Part 2

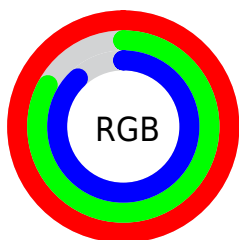
Format	Color
RYB	255, 211, 225
Decimal	16765921
CIELab	88.58, 17.58, -1.08
CIELCh	89, 17.609, 356.473
Yxy	73.2848, 0.3358, 0.3150
Android (android.graphics.Color)	4294956001 (0xFFFFD3E1)
YUV	225.7520, -0.3707, 25.6505
Hunter-Lab	85.6065, 13.0864, 3.6578

Details

The Yxy color 73.2848, 0.3358, 0.3150 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 91.7227, 0.2940, 0.3435, and the grayscale version is 75.8554, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 38.6850, 0.3412, 0.3110 is the 20% darker color. If you saturate the color by 10%, you get 60.7029, 0.3534, 0.3063, and if you desaturate by 10%, it is 87.9763, 0.3214, 0.3233.

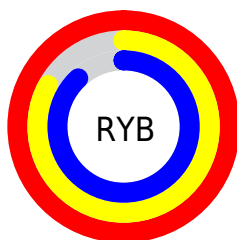
Distribution



Red (100%)

Green (83%)

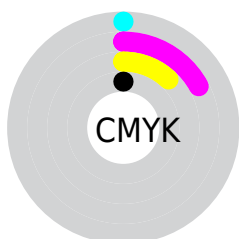
Blue (88%)



Red (100%)

Yellow (83%)

Blue (88%)

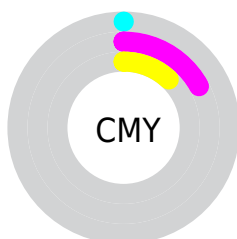


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2848, 0.3358, 0.3150 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 73.2848, 0.3358, 0.3150 by changing the saturation by 10% instead.


 73.2848, 0.3358,
0.3150

 73.2848, 0.3358,
0.3150


472.0013, 0.3251,
0.3215

 54.2089, 0.3382,
0.3135


123.8814, 0.3321,
0.3172

 38.7687, 0.3412,
0.3117


156.1709, 0.3307,
0.3181

 26.5798, 0.3450,
0.3094


193.6337, 0.3294,
0.3189

 17.2579, 0.3500,
0.3065

236.6543, 0.3283,
0.3195

 10.4185, 0.3568,
0.3024

285.6169, 0.3274,
0.3201

 5.6773, 0.3666,
0.2966


340.9060, 0.3266,


 2.6499, 0.3819,


0.3206


0.2876


402.9060, 0.3258,
0.3210

 0.9518, 0.4092,
0.2717


 0.0000, 1.0000,
0.0000

 73.2848, 0.3358,
0.3150


 73.2848, 0.3358,
0.3150


 60.7029, 0.3534,
0.3063

 87.9763, 0.3214,
0.3233

 50.1286, 0.3748,
0.2977

100.0000, 0.3127,
0.3290

 41.4583, 0.4005,
0.2895

 34.5771, 0.4306,
0.2827

■ 29.3578, 0.4644,
0.2785

■ 25.6561, 0.5003,
0.2780

■ 23.3026, 0.5357,
0.2822

■ 22.0797, 0.5670,
0.2913

■ 21.8534, 0.5749,
0.2940

Harmonies

Analogous

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



73.2848, 0.3151, 0.3011



73.2848, 0.3358, 0.3150



73.2848, 0.3505, 0.3326

Triad

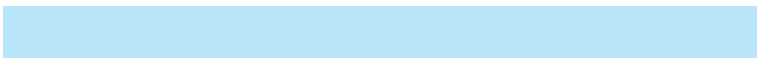
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2848, 0.3358, 0.3150



73.2848, 0.3304, 0.3664



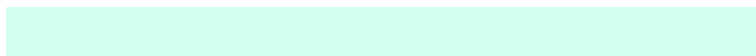
73.2848, 0.2725, 0.3061

Complementary

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



73.2848, 0.3358, 0.3150



91.7227, 0.2940, 0.3435

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.



73.2848, 0.2763, 0.3235



73.2848, 0.3358, 0.3150



73.2848, 0.3093, 0.3594

Square

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



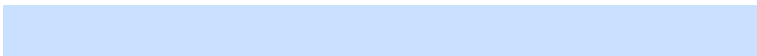
73.2848, 0.3358, 0.3150



73.2848, 0.3471, 0.3626



73.2848, 0.2896, 0.3433



73.2848, 0.2789, 0.2956

Rectangle

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



73.2848, 0.3358, 0.3150



73.2848, 0.3546, 0.3445



73.2848, 0.2896, 0.3433



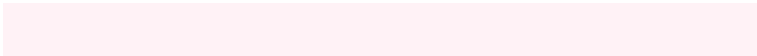
73.2848, 0.2726, 0.3113

Sweetspot

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



73.2864, 0.3358, 0.3150



91.5853, 0.3186, 0.3251



72.3956, 0.3044, 0.2847



19.3595, 0.3195, 0.3245



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

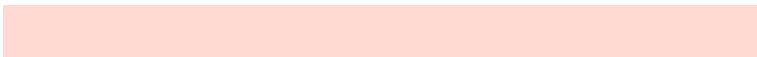
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2864, 0.3358, 0.3150



68.3290, 0.3420, 0.3118



76.2820, 0.3448, 0.3365



18.0821, 0.3244, 0.3215



11.4427, 0.5706, 0.2917



1.1330, 0.5386, 0.2741

Inverse Universe

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



73.2864, 0.3358, 0.3150



68.3290, 0.3420, 0.3118



88.0004, 0.2862, 0.3214



18.0821, 0.3244, 0.3215



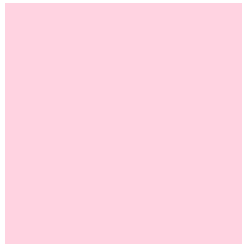
11.4427, 0.5706, 0.2917



1.1330, 0.5386, 0.2741

Previews

White Background



This preview shows how the Yxy color 73.2848, 0.3358, 0.3150 looks on a white background.

Color Contrast Check

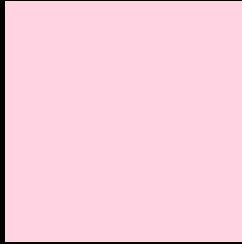
Large Text (above 18pt) WCAG AA × Fail

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 73.2848, 0.3358, 0.3150 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 73.2848, 0.3358, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 73.2848, 0.3358, 0.3150.

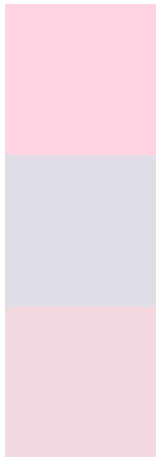


This preview shows how white text looks on a background with the Yxy color 73.2848, 0.3358, 0.3150.

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

73.2848, 0.3358, 0.3150

Protanopia

73.3297, 0.3083, 0.3183

Deuteranopia

73.5482, 0.3270, 0.3208




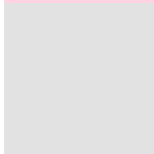
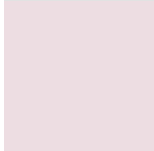
Tritanopia

73.3946, 0.3343, 0.3130

Trichromacy

	Original Color 73.2848, 0.3358, 0.3150
	Protanomaly 72.9450, 0.3176, 0.3164
	Deuteranomaly 73.2491, 0.3302, 0.3188
	Tritanomaly 73.3395, 0.3350, 0.3140

Monochromacy

	Original Color 73.2848, 0.3358, 0.3150
	Achromatopsia 76.0525, 0.3127, 0.3290
	Achromatomaly 75.2084, 0.3208, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2848, 0.3358, 0.3150 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, 211, 225) looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 225)  
}
```

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, 211, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 225) }
```

Border

The CSS property to change the border of an element to Yxy 73.2848, 0.3358, 0.3150 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, 211, 225) }
```

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

```
.border{ border-color:rgb(255, 211, 225) }
```

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

Here you see how a box with a 4 pixel rgb(255, 211, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2848, 0.3358, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 225) }
```

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

```
.background{ background-color: rgb(255,  
211, 225) }
```

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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