

Converting Colors

$Y_{xy}(73.5895, 0.3359, 0.3160)$

Have a look what the booklet for
Yxy(73.5895, 0.3359, 0.3160)
contains.

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Color

Yxy(73.7832, 0.3356, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4E1
RGB	255, 212, 225
RGB Percent	100%, 83%, 88%
CMY	0.0002, 0.1685, 0.1176
CMYK	0.00, 0.17, 0.12, 0.00
HSL	342°, 100%, 92%
HSV	342°, 17%, 100%
XYZ	78.3596, 73.7832, 81.3483
YIQ	226.3390, 21.4550, 13.1590

Conversions

Conversions Part 2

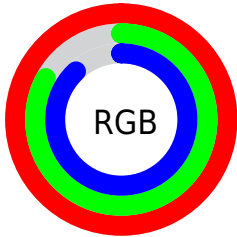
Format	Color
R _Y B	255, 212, 225
Decimal	16766177
CIE Lab	88.82, 17.03, -0.75
CIE LCh	89, 17.043, 357.461
Yxy	73.7832, 0.3356, 0.3160
Android (android.graphics.Color)	4294956257 (0xFFFFD4E1)
YUV	226.3390, -0.6601, 25.1357
Hunter-Lab	85.8971, 12.5165, 3.9778

Details

The Yxy color **73.7832, 0.3356, 0.3160** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.8958, 0.2941, 0.3424**, and the grayscale version is **76.3037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0220, 0.3410, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **61.1079, 0.3535, 0.3078**, and if you desaturate by 10%, it is **88.5788, 0.3211, 0.3239**.

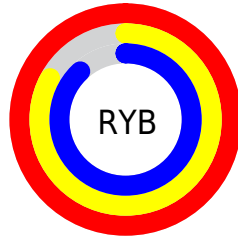
Distribution



Red (100%)

Green (83%)

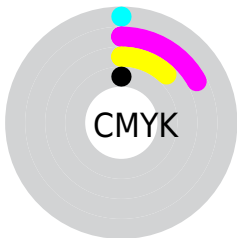
Blue (88%)



Red (100%)

Yellow (83%)

Blue (88%)

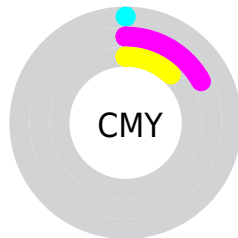


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7832, 0.3356, 0.3160 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 73.7832, 0.3356, 0.3160 by changing the saturation by 10% instead.


 73.7832, 0.3356,
0.3160

 73.7832, 0.3356,
0.3160


473.7248, 0.3250,
0.3220

 54.6166, 0.3380,
0.3146


124.5884, 0.3319,
0.3181

 39.0949, 0.3410,
0.3130

156.9959, 0.3305,
0.3189

 26.8335, 0.3447,
0.3108


194.5857, 0.3293,
0.3196

 17.4482, 0.3497,
0.3081

237.7423, 0.3282,
0.3202

 10.5546, 0.3564,
0.3043

286.8502, 0.3273,
0.3207

 5.7682, 0.3660,
0.2989

342.2936, 0.3264,

 2.7046, 0.3811,

0.3212

0.2905

404.4570, 0.3257,
0.3216

0.9796, 0.4081,
0.2756

0.0000, 1.0000,
0.0000

73.7832, 0.3356,
0.3160

73.7832, 0.3356,
0.3160

61.1079, 0.3535,
0.3078

88.5788, 0.3211,
0.3239

50.4455, 0.3752,
0.2995

99.9899, 0.3127,
0.3290

41.6946, 0.4014,
0.2917

34.7406, 0.4320,
0.2852

■ 29.4565, 0.4666,
0.2812

■ 25.6988, 0.5033,
0.2807

■ 23.2991, 0.5394,
0.2850

■ 22.0453, 0.5712,
0.2938

■ 21.7870, 0.5803,
0.2970

Harmonies

Analogous

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



73.7832, 0.3157, 0.3024



73.7832, 0.3356, 0.3160



73.7832, 0.3495, 0.3331

Triad

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



73.7832, 0.3356, 0.3160



73.7832, 0.3292, 0.3650



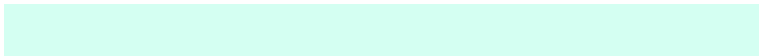
73.7832, 0.2739, 0.3064

Complementary

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



73.7832, 0.3356, 0.3160



91.8958, 0.2941, 0.3424

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.



73.7832, 0.2773, 0.3231



73.7832, 0.3356, 0.3160



73.7832, 0.3087, 0.3579

Square

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



73.7832, 0.3356, 0.3160



73.7832, 0.3455, 0.3617



73.7832, 0.2898, 0.3422



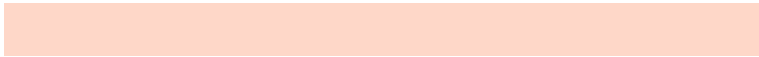
73.7832, 0.2804, 0.2965

Rectangle

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



73.7832, 0.3356, 0.3160



73.7832, 0.3532, 0.3446



73.7832, 0.2898, 0.3422



73.7832, 0.2739, 0.3114

Sweetspot

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



73.7865, 0.3356, 0.3160



91.5735, 0.3187, 0.3253



73.0800, 0.3051, 0.2859



19.3566, 0.3196, 0.3248



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

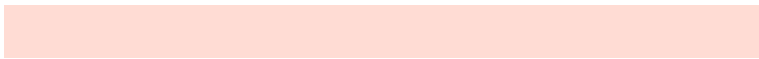
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7865, 0.3356, 0.3160



69.5825, 0.3409, 0.3134



77.1360, 0.3438, 0.3371



18.0775, 0.3246, 0.3218



11.4126, 0.5760, 0.2947



1.1296, 0.5440, 0.2770

Inverse Universe

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



73.7865, 0.3356, 0.3160



69.5825, 0.3409, 0.3134



87.7867, 0.2868, 0.3208



18.0775, 0.3246, 0.3218



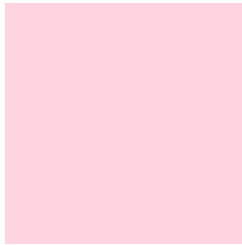
11.4126, 0.5760, 0.2947



1.1296, 0.5440, 0.2770

Previews

White Background



This preview shows how the Yxy color 73.7832, 0.3356, 0.3160 looks on a white background.

Color Contrast Check

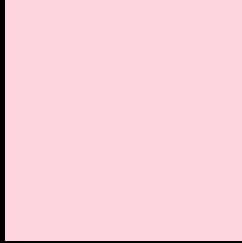
Large Text (above 18pt) WCAG AA × Fail

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 73.7832, 0.3356, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

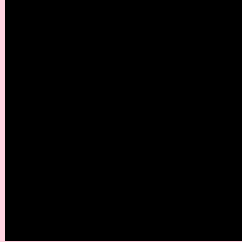
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7832, 0.3356, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 73.7832, 0.3356, 0.3160.

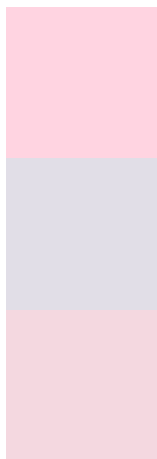


This preview shows how white text looks on a background with the Yxy color 73.7832, 0.3356, 0.3160.

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

73.7832, 0.3356, 0.3160

Protanopia

74.0196, 0.3090, 0.3194

Deuteranopia

73.7266, 0.3277, 0.3208



Tritanopia

73.9484, 0.3335, 0.3130

Trichromacy



Original Color

73.7832, 0.3356, 0.3160

Protanomaly

73.6328, 0.3183, 0.3175

Deuteranomaly

73.9392, 0.3308, 0.3199

Tritanomaly

73.8930, 0.3342, 0.3140

Monochromacy



Original Color

73.7832, 0.3356, 0.3160

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 73.7832, 0.3356, 0.3160 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 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, 212, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 225) }
```

Border

The CSS property to change the border of an element to Yxy 73.7832, 0.3356, 0.3160 is called "border". The border property can be set on classes, ids or directly on the HTML element.

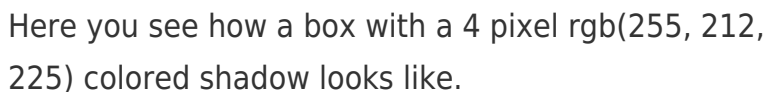
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 212, 225) }
```

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

```
.border{ border-color:rgb(255, 212, 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, 212, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7832, 0.3356, 0.3160 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, 225) }
```

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

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