

Converting Colors

$Y_{xy}(74.7025, 0.3369, 0.3110)$

Have a look what the booklet for
Yxy(74.7025, 0.3369, 0.3110)
contains.

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Color

Yxy(73.5057, 0.3329, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3E5
RGB	255, 211, 229
RGB Percent	100%, 83%, 90%
CMY	0.0000, 0.1726, 0.1020
CMYK	0.00, 0.17, 0.10, 0.00
HSL	335°, 100%, 91%
HSV	335°, 17%, 100%
XYZ	78.6818, 73.5057, 84.1652
YIQ	226.2080, 20.4460, 14.9260

Conversions

Conversions Part 2

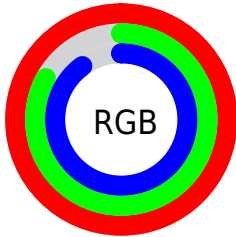
Format	Color
R _Y B	255, 211, 229
Decimal	16765925
CIE Lab	88.69, 18.24, -3.05
CIE LCh	89, 18.489, 350.496
Yxy	73.5057, 0.3329, 0.3110
Android (android.graphics.Color)	4294956005 (0xFFFFD3E5)
YUV	226.2080, 1.3765, 25.2506
Hunter-Lab	85.7355, 13.7774, 1.8107

Details

The Yxy color $73.5057, 0.3329, 0.3110$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91.4834, 0.2962, 0.3478$, and the grayscale version is $76.1887, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.8387, 0.3373, 0.3060$ is the 20% darker color. If you saturate the color by 10%, you get $61.0184, 0.3481, 0.2999$, and if you desaturate by 10%, it is $88.0744, 0.3204, 0.3217$.

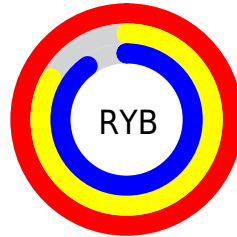
Distribution



Red (100%)

Green (83%)

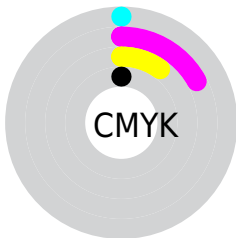
Blue (90%)



Red (100%)

Yellow (83%)

Blue (90%)

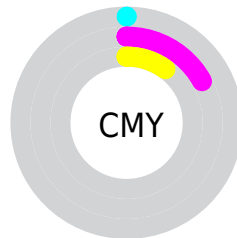


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5057, 0.3329, 0.3110 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 73.5057, 0.3329, 0.3110 by changing the saturation by 10% instead.


 73.5057, 0.3329,
0.3110

 73.5057, 0.3329,
0.3110


472.7656, 0.3236,
0.3192

 54.3896, 0.3350,
0.3091


124.1949, 0.3297,
0.3138

 38.9132, 0.3376,
0.3069


156.5367, 0.3284,
0.3149

 26.6922, 0.3409,
0.3040


194.0558, 0.3274,
0.3159

 17.3422, 0.3452,
0.3003

237.1367, 0.3264,
0.3167

 10.4788, 0.3510,
0.2953

286.1637, 0.3256,
0.3175

 5.7175, 0.3593,
0.2882

341.5213, 0.3249,

 2.6741, 0.3722,

0.3181

0.2773

403.5938, 0.3242,
0.3187

0.9641, 0.3949,
0.2585

0.0000, 0.8474,
0.0000

73.5057, 0.3329,
0.3110

73.5057, 0.3329,
0.3110

61.0184, 0.3481,
0.2999

88.0744, 0.3204,
0.3217

50.5181, 0.3664,
0.2888

100.0000, 0.3127,
0.3290

41.9001, 0.3882,
0.2782

35.0509, 0.4135,
0.2692

■ 29.8444, 0.4419,
0.2628

■ 26.1376, 0.4723,
0.2605

■ 23.7627, 0.5029,
0.2633

■ 22.5038, 0.5314,
0.2715

■ 22.2654, 0.5389,
0.2743

Harmonies

Analogous

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



73.5057, 0.3106, 0.2977



73.5057, 0.3329, 0.3110



73.5057, 0.3501, 0.3289

Triad

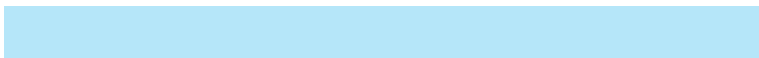
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.5057, 0.3329, 0.3110



73.5057, 0.3353, 0.3684



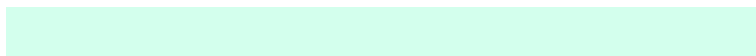
73.5057, 0.2705, 0.3081

Complementary

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



73.5057, 0.3329, 0.3110



91.4834, 0.2962, 0.3478

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.



73.5057, 0.2766, 0.3273



73.5057, 0.3329, 0.3110



73.5057, 0.3136, 0.3633

Square

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



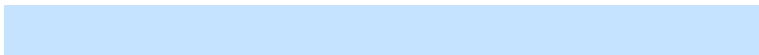
73.5057, 0.3329, 0.3110



73.5057, 0.3513, 0.3622



73.5057, 0.2922, 0.3479



73.5057, 0.2752, 0.2955

Rectangle

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



73.5057, 0.3329, 0.3110



73.5057, 0.3559, 0.3416



73.5057, 0.2922, 0.3479



73.5057, 0.2714, 0.3139

Sweetspot

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



73.5050, 0.3329, 0.3110



91.6573, 0.3179, 0.3240



71.7553, 0.3018, 0.2843



19.3769, 0.3186, 0.3233



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.



73.5050, 0.3329, 0.3110



68.5901, 0.3382, 0.3069



74.3940, 0.3454, 0.3328



18.1102, 0.3230, 0.3193



11.6620, 0.5347, 0.2719



1.1565, 0.5049, 0.2555

Inverse Universe

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



73.5050, 0.3329, 0.3110



68.5901, 0.3382, 0.3069



90.2715, 0.2864, 0.3252



18.1102, 0.3230, 0.3193



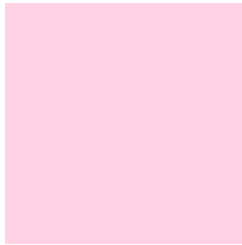
11.6620, 0.5347, 0.2719



1.1565, 0.5049, 0.2555

Previews

White Background



This preview shows how the Yxy color 73.5057, 0.3329, 0.3110 looks on a white background.

Color Contrast Check

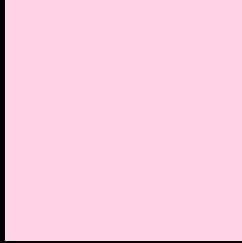
Large Text (above 18pt) WCAG AA × Fail

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 73.5057, 0.3329, 0.3110 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 73.5057, 0.3329, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 73.5057, 0.3329, 0.3110.

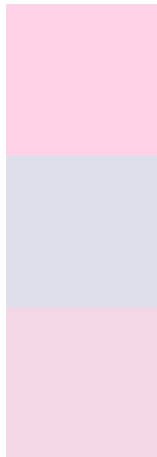


This preview shows how white text looks on a background with the Yxy color 73.5057, 0.3329, 0.3110.

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

73.5057, 0.3329, 0.3110

Protanopia

73.9287, 0.3050, 0.3152

Deuteranopia

73.5904, 0.3235, 0.3166



Tritanopia

73.4500, 0.3336, 0.3120

Trichromacy



Original Color

73.5057, 0.3329, 0.3110

Protanomaly

73.6882, 0.3149, 0.3134

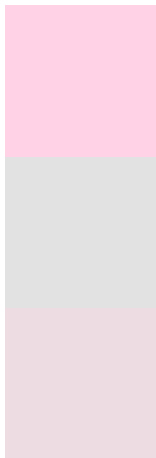
Deuteranomaly

73.4687, 0.3273, 0.3147

Tritanomaly

73.4500, 0.3336, 0.3120

Monochromacy



Original Color

73.5057, 0.3329, 0.3110

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.2635, 0.3201, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5057, 0.3329, 0.3110 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 229) }
```

Border

The CSS property to change the border of an element to Yxy 73.5057, 0.3329, 0.3110 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, 229) }
```

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

```
.border{ border-color:rgb(255, 211, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5057, 0.3329, 0.3110 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, 229) }
```

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

```
.background{ background-color: rgb(255,  
211, 229) }
```

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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