

Converting Colors

$Y_{xy}(71.4245, 0.3450, 0.3245)$

Have a look what the booklet for
Yxy(71.4245, 0.3450, 0.3245)
contains.

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Color

Yxy(71.6650, 0.3449, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1D5
RGB	255, 209, 213
RGB Percent	100%, 82%, 84%
CMY	0.0000, 0.1804, 0.1646
CMYK	0.00, 0.18, 0.16, 0.00
HSL	355°, 100%, 91%
HSV	355°, 18%, 100%
XYZ	76.0531, 71.6650, 72.7896
YIQ	223.2100, 26.1320, 10.9960

Conversions

Conversions Part 2

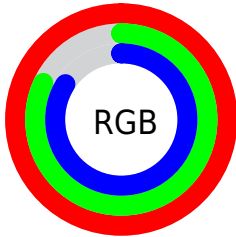
Format	Color
R _Y B	255, 209, 213
Decimal	16765397
CIE Lab	87.81, 16.75, 4.10
CIE LCh	88, 17.241, 13.759
Yxy	71.6650, 0.3449, 0.3250
Android (android.graphics.Color)	4294955477 (0xFFFFD1D5)
YUV	223.2100, -5.0335, 27.8798
Hunter-Lab	84.6552, 12.2155, 8.2789

Details

The Yxy color **71.6650, 0.3449, 0.3250** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.0396, 0.2876, 0.3331**, and the grayscale version is **73.9740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5856, 0.3535, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **59.0419, 0.3691, 0.3226**, and if you desaturate by 10%, it is **86.4661, 0.3255, 0.3273**.

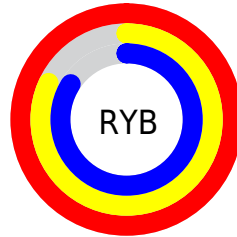
Distribution



Red (100%)

Green (82%)

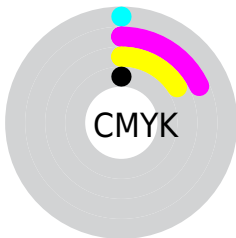
Blue (84%)



Red (100%)

Yellow (82%)

Blue (84%)

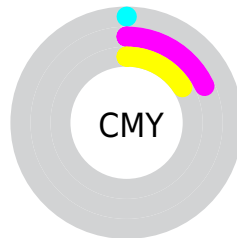


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.6650, 0.3449, 0.3250 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 71.6650, 0.3449, 0.3250 by changing the saturation by 10% instead.


 71.6650, 0.3449,
0.3250

 71.6650, 0.3449,
0.3250


466.3747, 0.3299,
0.3270

 52.8851, 0.3484,
0.3245


121.5801, 0.3397,
0.3257

 37.7110, 0.3527,
0.3239


153.4841, 0.3376,
0.3260

 25.7585, 0.3581,
0.3230


190.5316, 0.3359,
0.3262

 16.6430, 0.3653,
0.3219

233.1069, 0.3344,
0.3264

 9.9803, 0.3752,
0.3203

281.5945, 0.3330,
0.3266

 5.3859, 0.3897,
0.3177

336.3787, 0.3319,

 2.4754, 0.4127,

0.3268

0.3133

397.8440, 0.3308,
0.3269

0.8643, 0.4599,
0.3074

0.0000, 1.0000,
0.0000

71.6650, 0.3449,
0.3250

71.6650, 0.3449,
0.3250

59.0419, 0.3691,
0.3226

86.4661, 0.3255,
0.3273

48.4858, 0.3990,
0.3203

100.0000, 0.3127,
0.3290

39.8889, 0.4352,
0.3183

33.1307, 0.4772,
0.3169

■ 28.0768, 0.5230,
0.3167

■ 24.5750, 0.5679,
0.3181

■ 22.4456, 0.6053,
0.3212

■ 21.4471, 0.6294,
0.3254

■ 21.3190, 0.6327,
0.3259

Harmonies

Analogous

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



71.6650, 0.3272, 0.3087



71.6650, 0.3449, 0.3250



71.6650, 0.3538, 0.3428

Triad

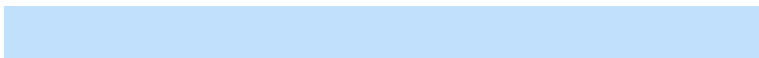
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6650, 0.3449, 0.3250



71.6650, 0.3183, 0.3632



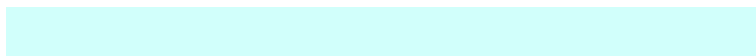
71.6650, 0.2755, 0.2994

Complementary

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



71.6650, 0.3449, 0.3250



92.0396, 0.2876, 0.3331

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.



71.6650, 0.2734, 0.3130



71.6650, 0.3449, 0.3250



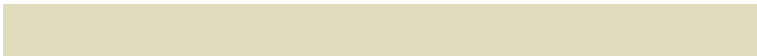
71.6650, 0.2976, 0.3506

Square

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



71.6650, 0.3449, 0.3250



71.6650, 0.3380, 0.3656



71.6650, 0.2813, 0.3319



71.6650, 0.2872, 0.2940

Rectangle

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



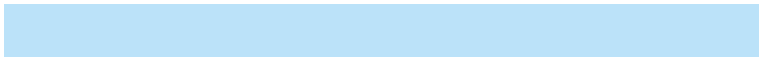
71.6650, 0.3449, 0.3250



71.6650, 0.3533, 0.3533



71.6650, 0.2813, 0.3319



71.6650, 0.2736, 0.3031

Sweetspot

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



71.6679, 0.3449, 0.3250



91.4063, 0.3204, 0.3279



73.2207, 0.3115, 0.2836



19.3161, 0.3215, 0.3278



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

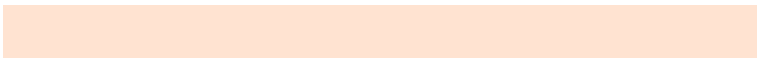
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6679, 0.3449, 0.3250



66.4110, 0.3539, 0.3241



81.0220, 0.3446, 0.3476



18.0128, 0.3281, 0.3270



11.1484, 0.6307, 0.3248



1.0938, 0.6114, 0.3142

Inverse Universe

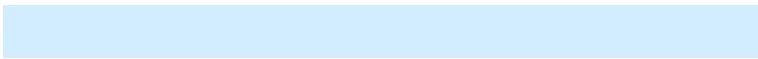
The Inverse Universe completely reimagines the original color for something new.



71.6679, 0.3449, 0.3250



66.4110, 0.3539, 0.3241



81.1136, 0.2844, 0.3096



18.0128, 0.3281, 0.3270



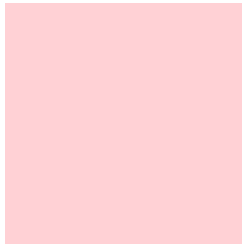
11.1484, 0.6307, 0.3248



1.0938, 0.6114, 0.3142

Previews

White Background



This preview shows how the Yxy color 71.6650, 0.3449, 0.3250 looks on a white background.

Color Contrast Check

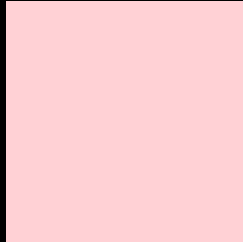
Large Text (above 18pt) WCAG AA × Fail

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 71.6650, 0.3449, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

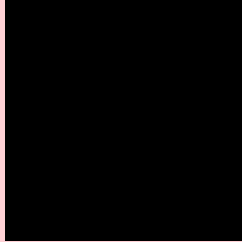
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.6650, 0.3449, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 71.6650, 0.3449, 0.3250.



This preview shows how white text looks on a background with the Yxy color 71.6650, 0.3449, 0.3250.

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

71.6650, 0.3449, 0.3250

Protanopia

71.7851, 0.3170, 0.3290

Deuteranopia

71.7544, 0.3374, 0.3301



Tritanopia

71.6995, 0.3376, 0.3139

Trichromacy



Original Color

71.6650, 0.3449, 0.3250

Protanomaly

71.4435, 0.3268, 0.3269

Deuteranomaly

71.9802, 0.3406, 0.3291

Tritanomaly

71.4862, 0.3406, 0.3179

Monochromacy



Original Color

71.6650, 0.3449, 0.3250

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.9194, 0.3244, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6650, 0.3449, 0.3250 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 213) }
```

Border

The CSS property to change the border of an element to Yxy 71.6650, 0.3449, 0.3250 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, 213) }
```

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

```
.border{ border-color:rgb(255, 209, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6650, 0.3449, 0.3250 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
209, 213) }
```

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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