

Converting Colors

$Y_{xy}(71.4232, 0.3321, 0.3048)$

Have a look what the booklet for
Yxy(71.4232, 0.3321, 0.3048)
contains.

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Color

Yxy(71.6552, 0.3319, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFE7
RGB	255, 207, 231
RGB Percent	100%, 81%, 91%
CMY	0.0000, 0.1882, 0.0942
CMYK	0.00, 0.19, 0.09, 0.00
HSL	330°, 100%, 91%
HSV	330°, 19%, 100%
XYZ	77.9750, 71.6552, 85.3049
YIQ	224.0880, 20.9040, 17.6400

Conversions

Conversions Part 2

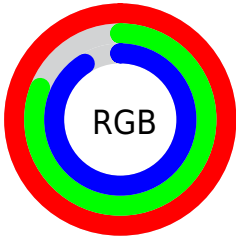
Format	Color
R _Y B	255, 207, 231
Decimal	16764903
CIE Lab	87.80, 20.64, -5.41
CIE LCh	88, 21.340, 345.328
Yxy	71.6552, 0.3319, 0.3050
Android (android.graphics.Color)	4294954983 (0xFFFFCFE7)
YUV	224.0880, 3.4076, 27.1098
Hunter-Lab	84.6494, 16.2892, -0.4946

Details

The Yxy color $71.6552, 0.3319, 0.3050$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $90.5577, 0.2971, 0.3543$, and the grayscale version is $74.5719, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.5574, 0.3370, 0.2995$ is the 20% darker color. If you saturate the color by 10%, you get $59.5876, 0.3452, 0.2915$, and if you desaturate by 10%, it is $85.7753, 0.3209, 0.3181$.

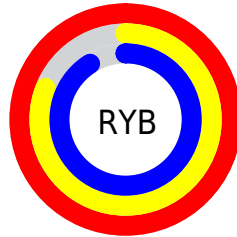
Distribution



Red (100%)

Green (81%)

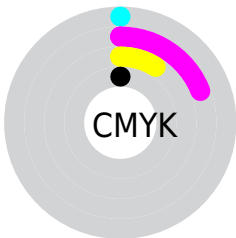
Blue (91%)



Red (100%)

Yellow (81%)

Blue (91%)

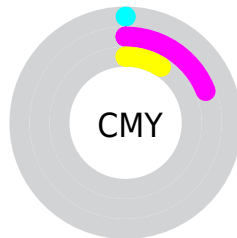


Cyan (0%)

Magenta (19%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.6552, 0.3319, 0.3050 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 71.6552, 0.3319, 0.3050 by changing the saturation by 10% instead.

 71.6552, 0.3319,
0.3050

 71.6552, 0.3319,
0.3050


466.3406, 0.3231,
0.3159

 52.8771, 0.3339,
0.3025


121.5662, 0.3289,
0.3088

 37.7046, 0.3363,
0.2995


153.4678, 0.3277,
0.3102

 25.7535, 0.3394,
0.2957


190.5128, 0.3267,
0.3115

 16.6393, 0.3435,
0.2908

233.0854, 0.3258,
0.3126

 9.9777, 0.3489,
0.2842

281.5701, 0.3250,
0.3136

 5.3842, 0.3567,
0.2749

336.3512, 0.3243,

 2.4744, 0.3688,

0.3145

0.2607

397.8133, 0.3237,
0.3152

0.8638, 0.3899,
0.2366

0.0000, 0.7071,
0.0000

71.6552, 0.3319,
0.3050

71.6552, 0.3319,
0.3050

59.5876, 0.3452,
0.2915

85.7753, 0.3209,
0.3181

49.4690, 0.3609,
0.2781

100.0000, 0.3127,
0.3290

41.1969, 0.3794,
0.2655

34.6568, 0.4005,
0.2546

■ 29.7213, 0.4239,
0.2467

■ 26.2453, 0.4487,
0.2432

■ 24.0567, 0.4737,
0.2449

■ 22.9067, 0.4976,
0.2520

■ 22.8018, 0.5004,
0.2530

Harmonies

Analogous

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



71.6552, 0.3057, 0.2910



71.6552, 0.3319, 0.3050



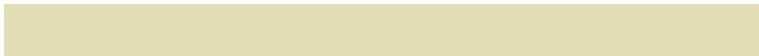
71.6552, 0.3535, 0.3250

Triad

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



71.6552, 0.3319, 0.3050



71.6552, 0.3427, 0.3746



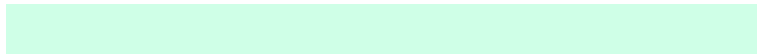
71.6552, 0.2642, 0.3079

Complementary

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



71.6552, 0.3319, 0.3050



90.5577, 0.2971, 0.3543

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.



71.6552, 0.2732, 0.3311



71.6552, 0.3319, 0.3050



71.6552, 0.3181, 0.3712

Square

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



71.6552, 0.3319, 0.3050



71.6552, 0.3597, 0.3651



71.6552, 0.2927, 0.3549



71.6552, 0.2674, 0.2918

Rectangle

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



71.6552, 0.3319, 0.3050



71.6552, 0.3620, 0.3396



71.6552, 0.2927, 0.3549



71.6552, 0.2659, 0.3151

Sweetspot

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



71.6575, 0.3319, 0.3050



90.1402, 0.3181, 0.3216



68.8388, 0.2978, 0.2796



19.0741, 0.3187, 0.3208



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.



71.6575, 0.3319, 0.3050



66.3694, 0.3372, 0.2994



70.3946, 0.3498, 0.3291



18.1384, 0.3215, 0.3172



11.9445, 0.4967, 0.2510



1.1850, 0.4712, 0.2369

Inverse Universe

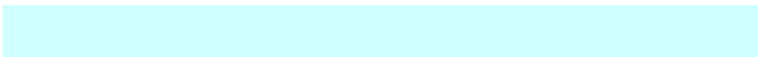
The Inverse Universe completely reimagines the original color for something new.



71.6575, 0.3319, 0.3050



66.3694, 0.3372, 0.2994



92.0065, 0.2844, 0.3289



18.1384, 0.3215, 0.3172



11.9445, 0.4967, 0.2510



1.1850, 0.4712, 0.2369

Previews

White Background



This preview shows how the Yxy color 71.6552, 0.3319, 0.3050 looks on a white background.

Color Contrast Check

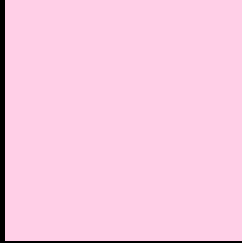
Large Text (above 18pt) WCAG AA × Fail

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 71.6552, 0.3319, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

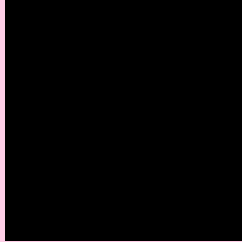
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.6552, 0.3319, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 71.6552, 0.3319, 0.3050.

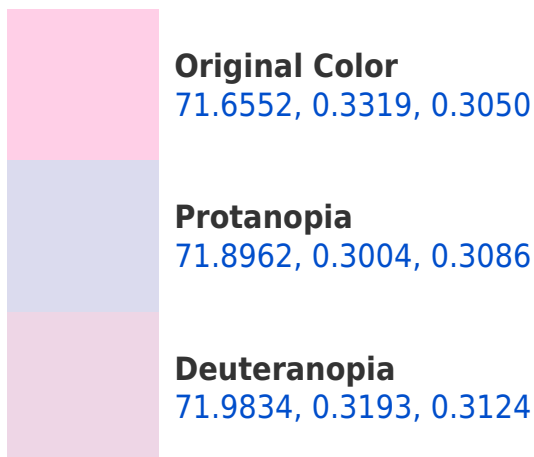


This preview shows how white text looks on a background with the Yxy color 71.6552, 0.3319, 0.3050.

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





Tritanopia

71.5644, 0.3361, 0.3129

Trichromacy



Original Color

71.6552, 0.3319, 0.3050

Protanomaly

71.7548, 0.3115, 0.3080

Deuteranomaly

71.5348, 0.3240, 0.3095

Tritanomaly

71.7286, 0.3339, 0.3099

Monochromacy



Original Color

71.6552, 0.3319, 0.3050

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.3510, 0.3189, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6552, 0.3319, 0.3050 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, 207, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 231)  
}
```

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, 207, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 231) }
```

Border

The CSS property to change the border of an element to Yxy 71.6552, 0.3319, 0.3050 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, 207, 231) }
```

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

```
.border{ border-color:rgb(255, 207, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6552, 0.3319, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 231) }
```

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

```
.background{ background-color: rgb(255,  
207, 231) }
```

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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