

Converting Colors

$Y_{xy}(71.9341, 0.3340, 0.3038)$

Have a look what the booklet for
Yxy(71.9341, 0.3340, 0.3038)
contains.

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Color

Yxy(71.2288, 0.3313, 0.3030)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEE8
RGB	255, 206, 232
RGB Percent	100%, 81%, 91%
CMY	0.0000, 0.1922, 0.0903
CMYK	0.00, 0.19, 0.09, 0.00
HSL	328°, 100%, 90%
HSV	328°, 19%, 100%
XYZ	77.8815, 71.2288, 85.9682
YIQ	223.6150, 20.8580, 18.4740

Conversions

Conversions Part 2

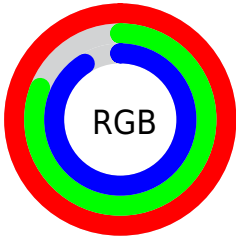
Format	Color
R_{YB}	255, 206, 232
Decimal	16764648
CIE _{Lab}	87.60, 21.35, -6.24
CIE _{LCh}	88, 22.239, 343.711
Yxy	71.2288, 0.3313, 0.3030
Android (android.graphics.Color)	4294954728 (0xFFFFCEE8)
YUV	223.6150, 4.1338, 27.5246
Hunter-Lab	84.3972, 17.0244, -1.3157

Details

The Yxy color **71.2288, 0.3313, 0.3030** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.2999, 0.2976, 0.3565**, and the grayscale version is **74.2072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2736, 0.3362, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **59.2709, 0.3438, 0.2887**, and if you desaturate by 10%, it is **85.2200, 0.3208, 0.3169**.

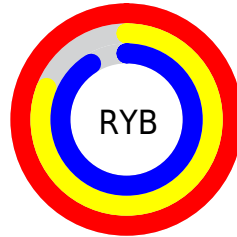
Distribution



Red (100%)

Green (81%)

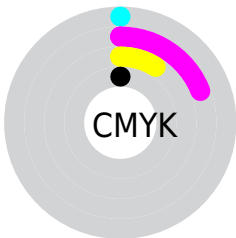
Blue (91%)



Red (100%)

Yellow (81%)

Blue (91%)

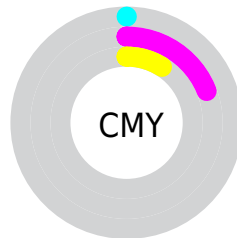


Cyan (0%)

Magenta (19%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2288, 0.3313, 0.3030 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 71.2288, 0.3313, 0.3030 by changing the saturation by 10% instead.


 71.2288, 0.3313,
0.3030

 71.2288, 0.3313,
0.3030


464.8529, 0.3228,
0.3148

 52.5289, 0.3332,
0.3003

120.9595, 0.3284,
0.3071

 37.4269, 0.3356,
0.2971

152.7590, 0.3272,
0.3087

 25.5382, 0.3386,
0.2930


189.6940, 0.3262,
0.3100

 16.4785, 0.3425,
0.2877

232.1487, 0.3254,
0.3112

 9.8633, 0.3477,
0.2806

280.5075, 0.3246,
0.3123

 5.3084, 0.3552,
0.2706

335.1549, 0.3239,

 2.4294, 0.3667,

0.3132

0.2554

396.4752, 0.3233,
0.3141

0.8409, 0.3867,
0.2295

0.0000, 0.6470,
0.0000

71.2288, 0.3313,
0.3030

71.2288, 0.3313,
0.3030

59.2709, 0.3438,
0.2887

85.2200, 0.3208,
0.3169

49.2566, 0.3587,
0.2746

100.0000, 0.3127,
0.3290

41.0789, 0.3760,
0.2612

34.6229, 0.3956,
0.2497

■ 29.7609, 0.4173,
0.2414

■ 26.3470, 0.4402,
0.2373

■ 24.2083, 0.4632,
0.2386

■ 23.0844, 0.4854,
0.2451

■ 23.0144, 0.4871,
0.2457

Harmonies

Analogous

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



71.2288, 0.3039, 0.2888



71.2288, 0.3313, 0.3030



71.2288, 0.3544, 0.3236

Triad

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



71.2288, 0.3313, 0.3030



71.2288, 0.3452, 0.3764



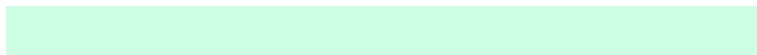
71.2288, 0.2623, 0.3081

Complementary

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



71.2288, 0.3313, 0.3030



90.2999, 0.2976, 0.3565

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.



71.2288, 0.2724, 0.3325



71.2288, 0.3313, 0.3030



71.2288, 0.3197, 0.3737

Square

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



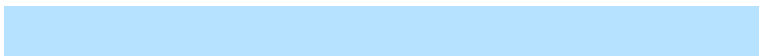
71.2288, 0.3313, 0.3030



71.2288, 0.3624, 0.3658



71.2288, 0.2931, 0.3572



71.2288, 0.2650, 0.2908

Rectangle

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



71.2288, 0.3313, 0.3030



71.2288, 0.3637, 0.3388



71.2288, 0.2931, 0.3572



71.2288, 0.2643, 0.3157

Sweetspot

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



71.2264, 0.3313, 0.3030



90.1693, 0.3178, 0.3212



67.9975, 0.2963, 0.2783



19.0810, 0.3184, 0.3203



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.



71.2264, 0.3313, 0.3030



66.4684, 0.3358, 0.2976



69.9376, 0.3495, 0.3274



18.1480, 0.3211, 0.3165



12.0560, 0.4836, 0.2438



1.1959, 0.4599, 0.2307

Inverse Universe

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



71.2264, 0.3313, 0.3030



66.4684, 0.3358, 0.2976



91.7568, 0.2846, 0.3306



18.1480, 0.3211, 0.3165



12.0560, 0.4836, 0.2438



1.1959, 0.4599, 0.2307

Previews

White Background



This preview shows how the Yxy color 71.2288, 0.3313, 0.3030 looks on a white background.

Color Contrast Check

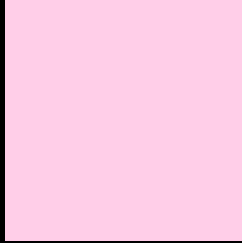
Large Text (above 18pt) WCAG AA × Fail

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 71.2288, 0.3313, 0.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

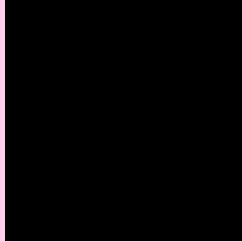
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.2288, 0.3313, 0.3030

Background



This preview shows how black text looks on a background with the Yxy color 71.2288, 0.3313, 0.3030.

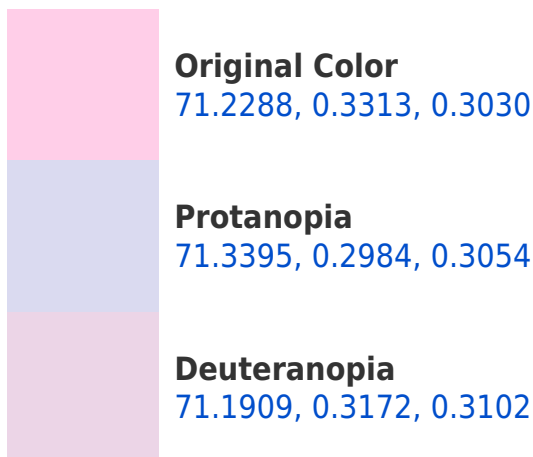


This preview shows how white text looks on a background with the Yxy color 71.2288, 0.3313, 0.3030.

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

71.0783, 0.3363, 0.3119

Trichromacy



Original Color

71.2288, 0.3313, 0.3030

Protanomaly

71.1965, 0.3095, 0.3049

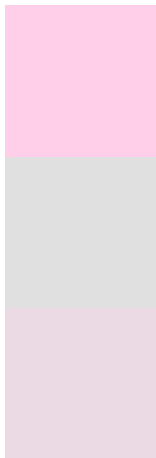
Deuteranomaly

70.9174, 0.3226, 0.3074

Tritanomaly

71.2425, 0.3341, 0.3089

Monochromacy



Original Color

71.2288, 0.3313, 0.3030

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

72.8339, 0.3190, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2288, 0.3313, 0.3030 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, 206, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 232)  
}
```

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, 206, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 232) }
```

Border

The CSS property to change the border of an element to Yxy 71.2288, 0.3313, 0.3030 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, 206, 232) }
```

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

```
.border{ border-color:rgb(255, 206, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2288, 0.3313, 0.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 232) }
```

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

```
.background{ background-color: rgb(255,  
206, 232) }
```

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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