

Converting Colors

$Yxy(92.4403, 0.3948, 0.3072)$

Have a look what the booklet for
Yxy(92.4403, 0.3948, 0.3072)
contains.

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Color

Yxy(71.3431, 0.3298, 0.3010)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEEA
RGB	255, 206, 234
RGB Percent	100%, 81%, 92%
CMY	0.0000, 0.1922, 0.0823
CMYK	0.00, 0.19, 0.08, 0.00
HSL	326°, 100%, 90%
HSV	326°, 19%, 100%
XYZ	78.1693, 71.3431, 87.5079
YIQ	223.8430, 20.2160, 19.0960

Conversions

Conversions Part 2

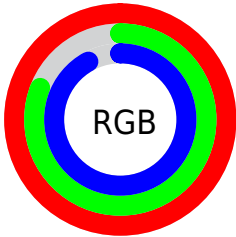
Format	Color
R _Y B	255, 206, 234
Decimal	16764650
CIE Lab	87.65, 21.68, -7.24
CIE LCh	88, 22.860, 341.538
Yxy	71.3431, 0.3298, 0.3010
Android (android.graphics.Color)	4294954730 (0xFFFFCEEAA)
YUV	223.8430, 5.0074, 27.3247
Hunter-Lab	84.4648, 17.3821, -2.3007

Details

The Yxy color **71.3431, 0.3298, 0.3010** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.1861, 0.2987, 0.3588**, and the grayscale version is **74.3757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3533, 0.3342, 0.2945** is the 20% darker color. If you saturate the color by 10%, you get **59.4370, 0.3412, 0.2857**, and if you desaturate by 10%, it is **85.2793, 0.3202, 0.3159**.

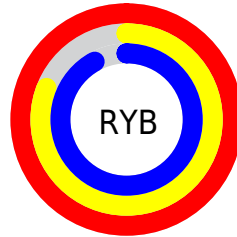
Distribution



Red (100%)

Green (81%)

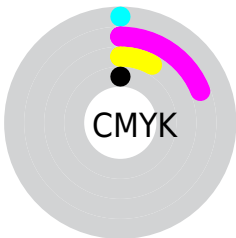
Blue (92%)



Red (100%)

Yellow (81%)

Blue (92%)

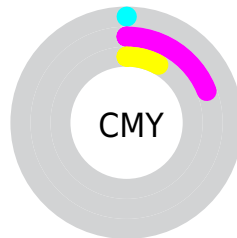


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3431, 0.3298, 0.3010 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 71.3431, 0.3298, 0.3010 by changing the saturation by 10% instead.


 71.3431, 0.3298,
0.3010

 71.3431, 0.3298,
0.3010


465.2519, 0.3220,
0.3137

 52.6222, 0.3316,
0.2982


121.1221, 0.3271,
0.3054

 37.5013, 0.3337,
0.2947


152.9491, 0.3261,
0.3071

 25.5959, 0.3364,
0.2903


189.9135, 0.3252,
0.3085

 16.5215, 0.3399,
0.2847

232.3999, 0.3244,
0.3098

 9.8940, 0.3446,
0.2771

280.7925, 0.3237,
0.3110

 5.3287, 0.3513,
0.2665

335.4758, 0.3231,

 2.4414, 0.3615,

0.3120

0.2504

396.8341, 0.3225,
0.3129

0.8471, 0.3790,
0.2235

0.0000, 0.5586,
0.0000

71.3431, 0.3298,
0.3010

71.3431, 0.3298,
0.3010

59.4370, 0.3412,
0.2857

85.2793, 0.3202,
0.3159

49.4647, 0.3547,
0.2705

100.0000, 0.3127,
0.3290

41.3217, 0.3703,
0.2562

34.8933, 0.3879,
0.2438

■ 30.0521, 0.4071,
0.2345

■ 26.6526, 0.4274,
0.2295

■ 24.5219, 0.4479,
0.2298

■ 23.4002, 0.4676,
0.2353

■ 23.3301, 0.4692,
0.2358

Harmonies

Analogous

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



71.3431, 0.3016, 0.2871



71.3431, 0.3298, 0.3010



71.3431, 0.3541, 0.3217

Triad

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



71.3431, 0.3298, 0.3010



71.3431, 0.3477, 0.3773



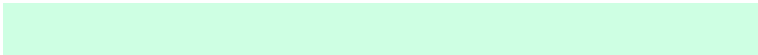
71.3431, 0.2613, 0.3091

Complementary

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



71.3431, 0.3298, 0.3010



90.1861, 0.2987, 0.3588

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.



71.3431, 0.2725, 0.3345



71.3431, 0.3298, 0.3010



71.3431, 0.3219, 0.3757

Square

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



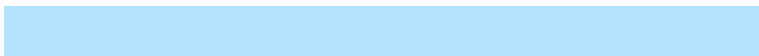
71.3431, 0.3298, 0.3010



71.3431, 0.3645, 0.3655



71.3431, 0.2944, 0.3596



71.3431, 0.2631, 0.2907

Rectangle

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



71.3431, 0.3298, 0.3010



71.3431, 0.3644, 0.3373



71.3431, 0.2944, 0.3596



71.3431, 0.2636, 0.3171

Sweetspot

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



71.3430, 0.3298, 0.3010



90.2090, 0.3174, 0.3206



67.5972, 0.2946, 0.2781



19.0904, 0.3180, 0.3196



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.



71.3430, 0.3298, 0.3010



66.6050, 0.3339, 0.2952



70.0584, 0.3476, 0.3249



18.1612, 0.3204, 0.3155



12.2210, 0.4661, 0.2341



1.2118, 0.4449, 0.2224

Inverse Universe

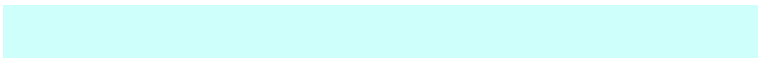
The Inverse Universe completely reimagines the original color for something new.



71.3430, 0.3298, 0.3010



66.6050, 0.3339, 0.2952



91.6012, 0.2859, 0.3332



18.1612, 0.3204, 0.3155



12.2210, 0.4661, 0.2341



1.2118, 0.4449, 0.2224

Previews

White Background



This preview shows how the Yxy color 71.3431, 0.3298, 0.3010 looks on a white background.

Color Contrast Check

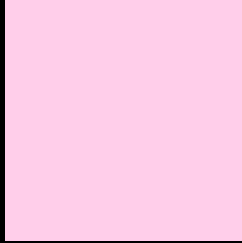
Large Text (above 18pt) WCAG AA × Fail

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 71.3431, 0.3298, 0.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

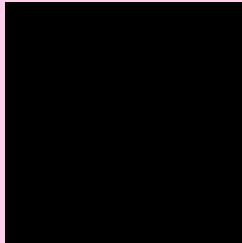
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3431, 0.3298, 0.3010

Background



This preview shows how black text looks on a background with the Yxy color 71.3431, 0.3298, 0.3010.



This preview shows how white text looks on a background with the Yxy color 71.3431, 0.3298, 0.3010.

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

71.3431, 0.3298, 0.3010

Protanopia

71.4590, 0.2972, 0.3033

Deuteranopia

71.8092, 0.3158, 0.3092



Tritanopia

71.5644, 0.3361, 0.3129

Trichromacy



Original Color

71.3431, 0.3298, 0.3010

Protanomaly

71.3141, 0.3082, 0.3028

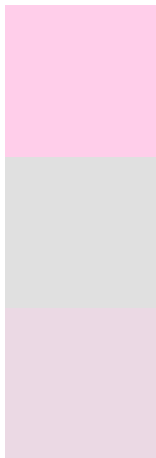
Deuteranomaly

71.5264, 0.3211, 0.3064

Tritanomaly

71.2979, 0.3333, 0.3079

Monochromacy



Original Color

71.3431, 0.3298, 0.3010

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

72.8893, 0.3183, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3431, 0.3298, 0.3010 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 234) }
```

Border

The CSS property to change the border of an element to Yxy 71.3431, 0.3298, 0.3010 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, 234) }
```

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

```
.border{ border-color:rgb(255, 206, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 206, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 206, 234); box-shadow:4px 4px 4px 4px rgb(255, 206, 234) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3431, 0.3298, 0.3010 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, 234) }
```

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

```
.background{ background-color: rgb(255,  
206, 234) }
```

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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