

Converting Colors

$Y_{xy}(71.3229, 0.3137, 0.2789)$

Have a look what the booklet for
Yxy(71.3229, 0.3137, 0.2789)
contains.

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Color

Yxy(71.2884, 0.3136, 0.2789)

Conversions

Conversions Part 1

Format	Color
Hex	FDCCFE
RGB	253, 204, 255
RGB Percent	99%, 80%, 100%
CMY	0.0078, 0.2000, 0.0000
CMYK	0.01, 0.20, 0.00, 0.00
HSL	298°, 100%, 90%
HSV	298°, 20%, 100%
XYZ	80.1579, 71.2884, 104.1593
YIQ	224.4650, 12.8330, 26.2490

Conversions

Conversions Part 2

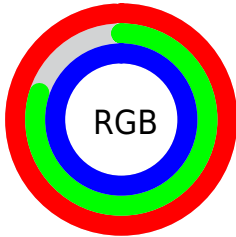
Format	Color
R _Y B	253, 204, 255
Decimal	16633087
CIE Lab	87.62, 25.74, -18.40
CIE LCh	88, 31.638, 324.436
Yxy	71.2884, 0.3136, 0.2789
Android (android.graphics.Color)	4294823167 (0xFFFDCCFF)
YUV	224.4650, 15.0538, 25.0252
Hunter-Lab	84.4325, 21.7063, -14.0398

Details

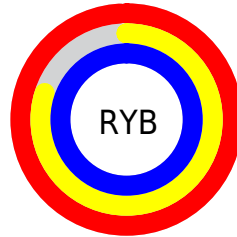
The Yxy color **71.2884, 0.3136, 0.2789** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.9981, 0.3113, 0.3843**, and the grayscale version is **74.7762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6257, 0.3136, 0.2690** is the 20% darker color. If you saturate the color by 10%, you get **59.9594, 0.3139, 0.2536**, and if you desaturate by 10%, it is **84.6063, 0.3132, 0.3043**.

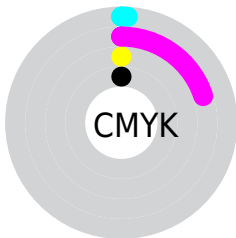
Distribution



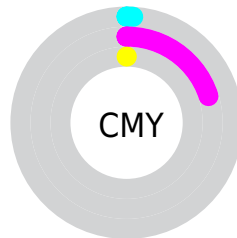
- Red (99%)
- Green (80%)
- Blue (100%)



- Red (99%)
- Yellow (80%)
- Blue (100%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2884, 0.3136, 0.2789 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 71.2884, 0.3136, 0.2789 by changing the saturation by 10% instead.

 71.2884, 0.3136,
0.2789

 71.2884, 0.3136,
0.2789

465.0610, 0.3136,
0.3012

 52.5776, 0.3135,
0.2740

121.0443, 0.3137,
0.2865

 37.4657, 0.3134,
0.2681


152.8581, 0.3137,
0.2895

 25.5682, 0.3131,
0.2607


189.8085, 0.3137,
0.2921

 16.5009, 0.3127,
0.2514

232.2797, 0.3137,
0.2943

 9.8793, 0.3120,
0.2391

280.6561, 0.3136,
0.2963

 5.3190, 0.3106,
0.2224

335.3222, 0.3136,

 2.4356, 0.3078,

0.2981

0.1984

396.6624, 0.3136,
0.2997

0.8441, 0.3014,
0.1612

0.0000, 0.2744,
0.0000

71.2884, 0.3136,
0.2789

71.2884, 0.3136,
0.2789

59.9594, 0.3139,
0.2536

84.6063, 0.3132,
0.3043

50.5174, 0.3141,
0.2291

99.9977, 0.3127,
0.3290

42.8599, 0.3140,
0.2066

100.0000, 0.3127,
0.3290

36.8720, 0.3138,
0.1870

■ 32.4259, 0.3134,
0.1711

■ 29.3750, 0.3127,
0.1594

■ 27.5447, 0.3120,
0.1522

■ 26.6492, 0.3110,
0.1487

Harmonies

Analogous

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



71.2884, 0.2770, 0.2673



71.2884, 0.3136, 0.2789



71.2884, 0.3521, 0.3019

Triad

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



71.2884, 0.3136, 0.2789



71.2884, 0.3762, 0.3878



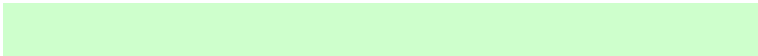
71.2884, 0.2491, 0.3201

Complementary

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



71.2884, 0.3136, 0.2789



88.9981, 0.3113, 0.3843

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.



71.2884, 0.2729, 0.3575



71.2884, 0.3136, 0.2789



71.2884, 0.3461, 0.3981

Square

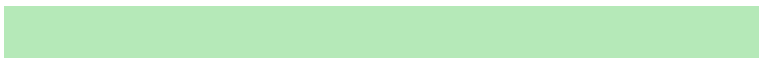
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2884, 0.3136, 0.2789



71.2884, 0.3893, 0.3629



71.2884, 0.3082, 0.3874



71.2884, 0.2416, 0.2883

Rectangle

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



71.2884, 0.3136, 0.2789



71.2884, 0.3728, 0.3215



71.2884, 0.3082, 0.3874



71.2884, 0.2554, 0.3325

Sweetspot

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



71.2902, 0.3136, 0.2789



90.5111, 0.3130, 0.3143



64.4632, 0.2794, 0.2764



19.1619, 0.3130, 0.3127



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.



71.2902, 0.3136, 0.2789



66.5264, 0.3137, 0.2687



70.2730, 0.3314, 0.3009



18.2623, 0.3132, 0.3055



13.9407, 0.3112, 0.1488



1.3681, 0.3124, 0.1494

Inverse Universe

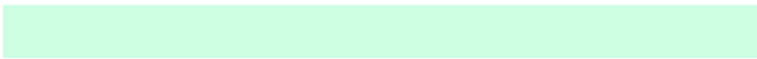
The Inverse Universe completely reimagines the original color for something new.



68.8992, 0.3512, 0.3271



63.7482, 0.3611, 0.3267



89.9001, 0.2975, 0.3589



17.9985, 0.3288, 0.3281



11.1251, 0.6362, 0.3278



1.0871, 0.6269, 0.3227

Previews

White Background



This preview shows how the Yxy color 71.2884, 0.3136, 0.2789 looks on a white background.

Color Contrast Check

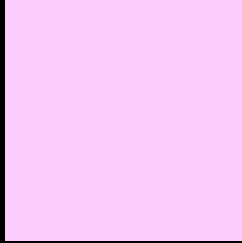
Large Text (above 18pt) WCAG AA × Fail

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 71.2884, 0.3136, 0.2789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

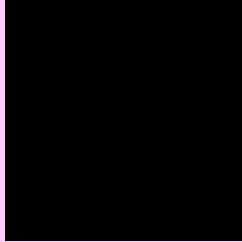
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.2884, 0.3136, 0.2789

Background



This preview shows how black text looks on a background with the Yxy color 71.2884, 0.3136, 0.2789.



This preview shows how white text looks on a background with the Yxy color 71.2884, 0.3136, 0.2789.

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

71.2884, 0.3136, 0.2789

Protanopia

71.3599, 0.2853, 0.2897

Deuteranopia

71.3537, 0.2957, 0.2885



Tritanopia

71.2317, 0.3308, 0.3117

Trichromacy



Original Color

71.2884, 0.3136, 0.2789



Protanomaly

71.1394, 0.2951, 0.2856



Deuteranomaly

71.0818, 0.3020, 0.2842



Tritanomaly

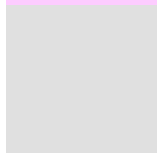
71.0641, 0.3238, 0.2988

Monochromacy



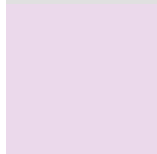
Original Color

71.2884, 0.3136, 0.2789



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

73.2860, 0.3136, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2884, 0.3136, 0.2789 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(253, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 204, 255)  
}
```

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(253, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 204, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.2884, 0.3136, 0.2789 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(253, 204, 255) }
```

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

```
.border{ border-color:rgb(253, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 204, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 204, 255); box-shadow:4px 4px 4px 4px rgb(253, 204, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2884, 0.3136, 0.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 204, 255) }
```

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

```
.background{ background-color: rgb(253,  
204, 255) }
```

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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