

Converting Colors

$Y_{xy}(71.0680, 0.3069, 0.2810)$

Have a look what the booklet for
Yxy(71.0680, 0.3069, 0.2810)
contains.

Yxy(71.0787, 0.3070, 0.2810)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.0787, 0.3070, 0.2810)

Conversions

Conversions Part 1

Format	Color
Hex	F4CFFF
RGB	244, 207, 255
RGB Percent	96%, 81%, 100%
CMY	0.0433, 0.1881, 0.0001
CMYK	0.04, 0.19, 0.00, 0.00
HSL	286°, 100%, 91%
HSV	286°, 19%, 100%
XYZ	77.6554, 71.0787, 104.2150
YIQ	223.5350, 6.6440, 22.7720

Conversions

Conversions Part 2

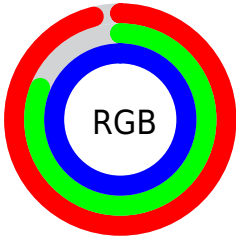
Format	Color
R_{YB}	244, 207, 255
Decimal	16044031
CIE _{Lab}	87.52, 21.21, -18.61
CIE _{LCh}	88, 28.216, 318.729
Yxy	71.0787, 0.3070, 0.2810
Android (android.graphics.Color)	4294234111 (0xFFFF4CFFF)
YUV	223.5350, 15.5122, 17.9478
Hunter-Lab	84.3082, 16.8751, -14.2738

Details

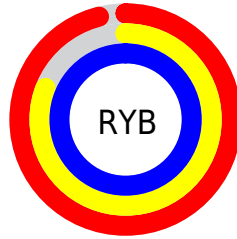
The Yxy color **71.0787, 0.3070, 0.2810** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.9259, 0.3172, 0.3797**, and the grayscale version is **74.0746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.0985, 0.3051, 0.2700** is the 20% darker color. If you saturate the color by 10%, you get **58.6745, 0.3031, 0.2541**, and if you desaturate by 10%, it is **85.5174, 0.3103, 0.3071**.

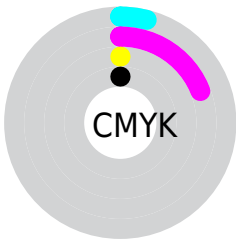
Distribution



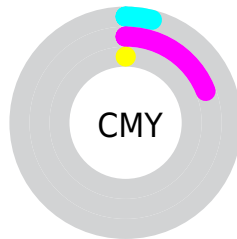
- Red (96%)
- Green (81%)
- Blue (100%)



- Red (96%)
- Yellow (81%)
- Blue (100%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0787, 0.3070, 0.2810 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 71.0787, 0.3070, 0.2810 by changing the saturation by 10% instead.


 71.0787, 0.3070,
0.2810

 71.0787, 0.3070,
0.2810


464.3285, 0.3100,
0.3025

 52.4064, 0.3063,
0.2763


120.7458, 0.3081,
0.2883

 37.3291, 0.3053,
0.2705


152.5094, 0.3085,
0.2912

 25.4624, 0.3040,
0.2634


189.4055, 0.3088,
0.2937

 16.4219, 0.3023,
0.2543

231.8186, 0.3091,
0.2959

 9.8232, 0.2998,
0.2423

280.1331, 0.3094,
0.2978

 5.2819, 0.2960,
0.2259

334.7333, 0.3096,

 2.4136, 0.2896,

0.2995

0.2021

396.0036, 0.3098,
0.3011

0.8329, 0.2773,
0.1648

0.0000, 0.2040,
0.0000

71.0787, 0.3070,
0.2810

71.0787, 0.3070,
0.2810

58.6745, 0.3031,
0.2541

85.5174, 0.3103,
0.3071

48.1997, 0.2985,
0.2273

99.9986, 0.3127,
0.3290

39.5537, 0.2933,
0.2015

32.6229, 0.2876,
0.1778

■ 27.2808, 0.2815,
0.1574

■ 23.3832, 0.2752,
0.1411

■ 20.7593, 0.2690,
0.1296

■ 19.1618, 0.2629,
0.1225

■ 19.0014, 0.2622,
0.1218

Harmonies

Analogous

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



71.0787, 0.2755, 0.2729



71.0787, 0.3070, 0.2810



71.0787, 0.3417, 0.3002

Triad

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



71.0787, 0.3070, 0.2810



71.0787, 0.3731, 0.3784



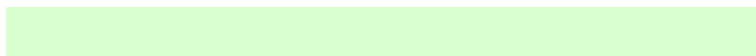
71.0787, 0.2587, 0.3276

Complementary

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



71.0787, 0.3070, 0.2810



90.9259, 0.3172, 0.3797

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.



71.0787, 0.2826, 0.3603



71.0787, 0.3070, 0.2810



71.0787, 0.3487, 0.3902

Square

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



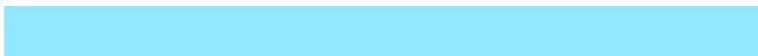
71.0787, 0.3070, 0.2810



71.0787, 0.3811, 0.3547



71.0787, 0.3154, 0.3841



71.0787, 0.2488, 0.2975

Rectangle

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



71.0787, 0.3070, 0.2810



71.0787, 0.3616, 0.3172



71.0787, 0.3154, 0.3841



71.0787, 0.2653, 0.3387

Sweetspot

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



71.0817, 0.3070, 0.2810



89.9626, 0.3111, 0.3142



70.7424, 0.2821, 0.2896



19.0318, 0.3109, 0.3126



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.



71.0817, 0.3070, 0.2810



65.6494, 0.3054, 0.2698



72.3167, 0.3238, 0.2942



18.0775, 0.3101, 0.3053



10.0011, 0.2632, 0.1223



1.0226, 0.2701, 0.1261

Inverse Universe

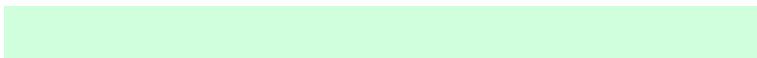
The Inverse Universe completely reimagines the original color for something new.



70.9591, 0.3414, 0.3179



65.5429, 0.3495, 0.3153



89.9328, 0.3032, 0.3666



18.0555, 0.3258, 0.3236



11.2905, 0.5996, 0.3077



1.1151, 0.5687, 0.2907

Previews

White Background



This preview shows how the Yxy color 71.0787, 0.3070, 0.2810 looks on a white background.

Color Contrast Check

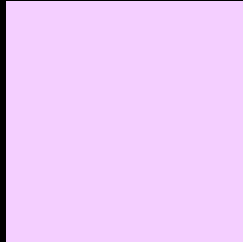
Large Text (above 18pt) WCAG AA × Fail

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 71.0787, 0.3070, 0.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

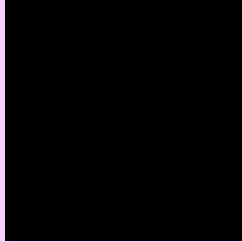
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

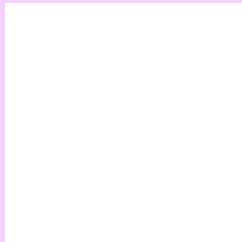
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0787, 0.3070, 0.2810

Background



This preview shows how black text looks on a background with the Yxy color 71.0787, 0.3070, 0.2810.

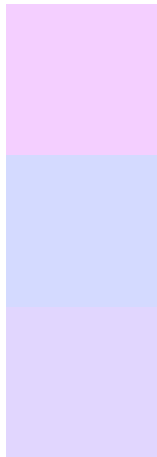


This preview shows how white text looks on a background with the Yxy color 71.0787, 0.3070, 0.2810.

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

71.0787, 0.3070, 0.2810

Protanopia

71.3599, 0.2853, 0.2897

Deuteranopia

71.2564, 0.2944, 0.2874



Tritanopia

71.2137, 0.3223, 0.3124

Trichromacy



Original Color

71.0787, 0.3070, 0.2810

Protanomaly

71.1604, 0.2931, 0.2864

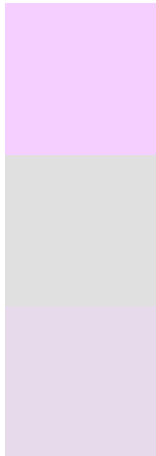
Deuteranomaly

70.9001, 0.2992, 0.2849

Tritanomaly

70.9670, 0.3163, 0.3002

Monochromacy



Original Color

71.0787, 0.3070, 0.2810

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.1299, 0.3107, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0787, 0.3070, 0.2810 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(244, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 207, 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(244, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 207, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.0787, 0.3070, 0.2810 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(244, 207, 255) }
```

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

```
.border{ border-color:rgb(244, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 207,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0787, 0.3070, 0.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 207, 255) }
```

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

```
.background{ background-color: rgb(244,  
207, 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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