

Converting Colors

$Y_{xy}(76.8001, 0.2649, 0.2186)$

Have a look what the booklet for
Yxy(76.8001, 0.2649, 0.2186)
contains.

Yxy(71.1368, 0.3092, 0.2803)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.1368, 0.3092, 0.2803)

Conversions

Conversions Part 1

Format	Color
Hex	F7CEFF
RGB	247, 206, 255
RGB Percent	97%, 81%, 100%
CMY	0.0314, 0.1921, 0.0001
CMYK	0.03, 0.19, 0.00, 0.00
HSL	290°, 100%, 90%
HSV	290°, 19%, 100%
XYZ	78.4713, 71.1368, 104.1800
YIQ	223.8450, 8.7070, 23.9310

Conversions

Conversions Part 2

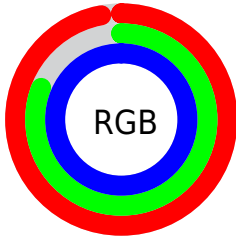
Format	Color
R_{YB}	247, 206, 255
Decimal	16240383
CIE _{Lab}	87.55, 22.72, -18.54
CIE _{LCh}	88, 29.323, 320.779
Yxy	71.1368, 0.3092, 0.2803
Android (android.graphics.Color)	4294430463 (0xFFFF7CEFF)
YUV	223.8450, 15.3594, 20.3069
Hunter-Lab	84.3426, 18.4744, -14.1952

Details

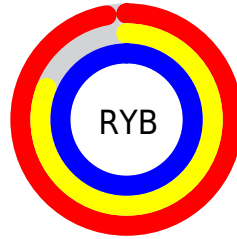
The Yxy color **71.1368, 0.3092, 0.2803** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.2575, 0.3152, 0.3812**, and the grayscale version is **74.3090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4808, 0.3079, 0.2705** is the 20% darker color. If you saturate the color by 10%, you get **59.0939, 0.3067, 0.2540**, and if you desaturate by 10%, it is **85.1941, 0.3112, 0.3062**.

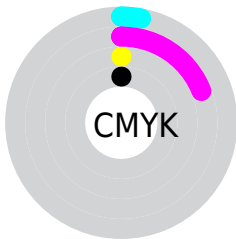
Distribution



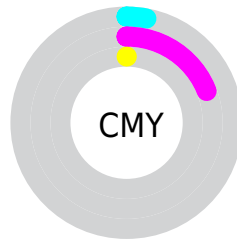
- Red (97%)
- Green (81%)
- Blue (100%)



- Red (97%)
- Yellow (81%)
- Blue (100%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1368, 0.3092, 0.2803 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 71.1368, 0.3092, 0.2803 by changing the saturation by 10% instead.


 71.1368, 0.3092,
0.2803

 71.1368, 0.3092,
0.2803


464.5315, 0.3112,
0.3020

 52.4538, 0.3087,
0.2755


120.8285, 0.3099,
0.2877

 37.3670, 0.3080,
0.2697


152.6060, 0.3102,
0.2906

 25.4917, 0.3071,
0.2625


189.5172, 0.3104,
0.2931

 16.4438, 0.3058,
0.2533

231.9464, 0.3106,
0.2954

 9.8387, 0.3039,
0.2413

280.2780, 0.3108,
0.2973

 5.2922, 0.3009,
0.2247

334.8965, 0.3109,

 2.4197, 0.2957,

0.2991

396.1862, 0.3111,
0.3006

0.2008

0.8360, 0.2853,
0.1636

0.0000, 0.2287,
0.0000

71.1368, 0.3092,
0.2803

71.1368, 0.3092,
0.2803

59.0939, 0.3067,
0.2540

85.1941, 0.3112,
0.3062

48.9601, 0.3038,
0.2279

99.9984, 0.3127,
0.3290

40.6347, 0.3004,
0.2032

34.0038, 0.2966,
0.1809

■ 28.9406, 0.2925,
0.1621

■ 25.3002, 0.2882,
0.1474

■ 22.9107, 0.2838,
0.1374

■ 21.5134, 0.2795,
0.1315

■ 21.4194, 0.2791,
0.1311

Harmonies

Analogous

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



71.1368, 0.2760, 0.2710



71.1368, 0.3092, 0.2803



71.1368, 0.3452, 0.3008

Triad

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



71.1368, 0.3092, 0.2803



71.1368, 0.3742, 0.3815



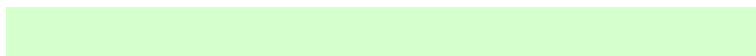
71.1368, 0.2555, 0.3251

Complementary

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



71.1368, 0.3092, 0.2803



90.2575, 0.3152, 0.3812

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.



71.1368, 0.2794, 0.3594



71.1368, 0.3092, 0.2803



71.1368, 0.3478, 0.3928

Square

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



71.1368, 0.3092, 0.2803



71.1368, 0.3838, 0.3574



71.1368, 0.3130, 0.3852



71.1368, 0.2464, 0.2944

Rectangle

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



71.1368, 0.3092, 0.2803



71.1368, 0.3654, 0.3187



71.1368, 0.3130, 0.3852



71.1368, 0.2619, 0.3367

Sweetspot

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



71.1399, 0.3092, 0.2803



90.1532, 0.3118, 0.3142



68.5243, 0.2812, 0.2851



19.0770, 0.3117, 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.



71.1399, 0.3092, 0.2803



66.3477, 0.3083, 0.2703



71.6168, 0.3264, 0.2965



18.1415, 0.3112, 0.3054



11.2504, 0.2799, 0.1315



1.1336, 0.2848, 0.1343

Inverse Universe

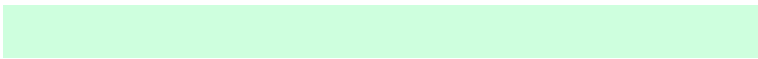
The Inverse Universe completely reimagines the original color for something new.



70.2605, 0.3446, 0.3210



65.3503, 0.3527, 0.3193



89.9196, 0.3012, 0.3638



18.0354, 0.3269, 0.3251



11.2088, 0.6170, 0.3172



1.1044, 0.5892, 0.3019

Previews

White Background



This preview shows how the Yxy color 71.1368, 0.3092, 0.2803 looks on a white background.

Color Contrast Check

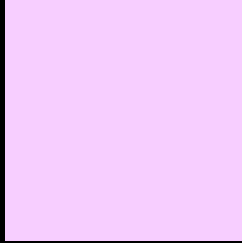
Large Text (above 18pt) WCAG AA × Fail

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 71.1368, 0.3092, 0.2803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

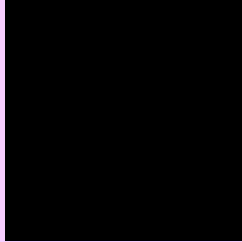
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1368, 0.3092, 0.2803

Background



This preview shows how black text looks on a background with the Yxy color 71.1368, 0.3092, 0.2803.



This preview shows how white text looks on a background with the Yxy color 71.1368, 0.3092, 0.2803.

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

71.1368, 0.3092, 0.2803

Protanopia

71.3599, 0.2853, 0.2897

Deuteranopia

71.1925, 0.2950, 0.2884



Tritanopia

71.1893, 0.3254, 0.3125

Trichromacy



Original Color

71.1368, 0.3092, 0.2803

Protanomaly

71.3207, 0.2938, 0.2864

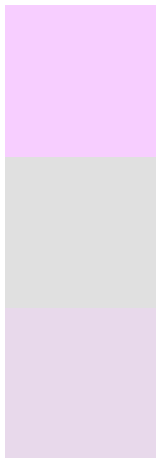
Deuteranomaly

71.0679, 0.2999, 0.2850

Tritanomaly

70.9484, 0.3192, 0.3004

Monochromacy



Original Color

71.1368, 0.3092, 0.2803

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

72.7797, 0.3115, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1368, 0.3092, 0.2803 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(247, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 206, 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(247, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 206, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.1368, 0.3092, 0.2803 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(247, 206, 255) }
```

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

```
.border{ border-color:rgb(247, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 206,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1368, 0.3092, 0.2803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 206, 255) }
```

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

```
.background{ background-color: rgb(247,  
206, 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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