

Converting Colors

$Y_{xy}(71.3909, 0.3091, 0.2808)$

Have a look what the booklet for
Yxy(71.3909, 0.3091, 0.2808)
contains.

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Color

Yxy(71.6198, 0.3092, 0.2813)

Conversions

Conversions Part 1

Format	Color
Hex	F7CFFF
RGB	247, 207, 255
RGB Percent	97%, 81%, 100%
CMY	0.0313, 0.1882, 0.0001
CMYK	0.03, 0.19, 0.00, 0.00
HSL	290°, 100%, 91%
HSV	290°, 19%, 100%
XYZ	78.7232, 71.6198, 104.2599
YIQ	224.4320, 8.4320, 23.4080

Conversions

Conversions Part 2

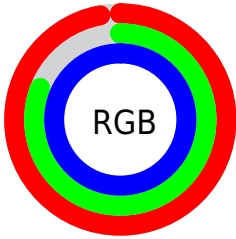
Format	Color
RYB	247, 207, 255
Decimal	16240639
CIELab	87.79, 22.21, -18.19
CIElCh	88, 28.707, 320.685
Yxy	71.6198, 0.3092, 0.2813
Android (android.graphics.Color)	4294430719 (0xFFFF7CFFF)
YUV	224.4320, 15.0700, 19.7921
Hunter-Lab	84.6285, 17.9447, -13.8037

Details

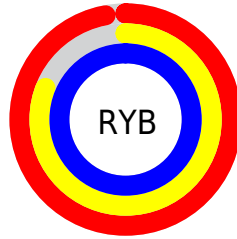
The Yxy color **71.6198, 0.3092, 0.2813** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.4481, 0.3152, 0.3800**, and the grayscale version is **74.7547, 0.3127, 0.3290**.

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 **59.4901, 0.3067, 0.2549**, and if you desaturate by 10%, it is **85.7679, 0.3113, 0.3071**.

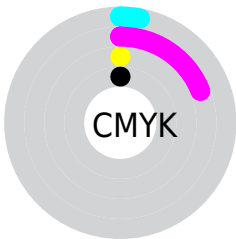
Distribution



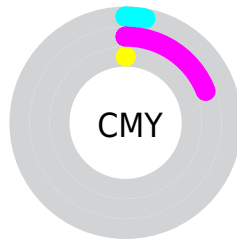
- Red (97%)
- Green (81%)
- Blue (100%)



- 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 71.6198, 0.3092, 0.2813 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 71.6198, 0.3092, 0.2813 by changing the saturation by 10% instead.


 71.6198, 0.3092,
0.2813

 71.6198, 0.3092,
0.2813

466.2172, 0.3112,
0.3026

 52.8482, 0.3087,
0.2766

121.5158, 0.3099,
0.2885

 37.6816, 0.3080,
0.2709


153.4090, 0.3102,
0.2914

 25.7356, 0.3071,
0.2639


190.4448, 0.3104,
0.2939

 16.6260, 0.3058,
0.2549

233.0077, 0.3106,
0.2960

 9.9682, 0.3040,
0.2431

281.4819, 0.3108,
0.2980

 5.3779, 0.3011,
0.2269

336.2520, 0.3109,

 2.4706, 0.2960,

0.2997

0.2034

397.7023, 0.3111,
0.3012

0.8619, 0.2859,
0.1670

0.0000, 0.2352,
0.0000

71.6198, 0.3092,
0.2813

71.6198, 0.3092,
0.2813

59.4901, 0.3067,
0.2549

85.7679, 0.3113,
0.3071

49.2740, 0.3037,
0.2288

99.9984, 0.3127,
0.3290

40.8709, 0.3002,
0.2040

34.1674, 0.2964,
0.1816

■ 29.0373, 0.2922,
0.1625

■ 25.3365, 0.2878,
0.1476

■ 22.8945, 0.2834,
0.1374

■ 21.4638, 0.2790,
0.1314

■ 21.3234, 0.2785,
0.1308

Harmonies

Analogous

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



71.6198, 0.2768, 0.2723



71.6198, 0.3092, 0.2813



71.6198, 0.3443, 0.3013

Triad

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



71.6198, 0.3092, 0.2813



71.6198, 0.3728, 0.3803



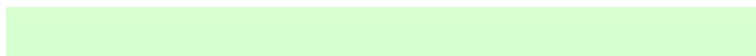
71.6198, 0.2568, 0.3253

Complementary

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



71.6198, 0.3092, 0.2813



90.4481, 0.3152, 0.3800

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.



71.6198, 0.2802, 0.3588



71.6198, 0.3092, 0.2813



71.6198, 0.3472, 0.3913

Square

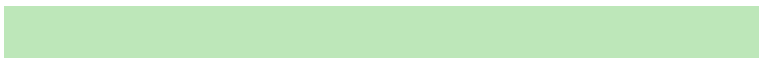
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6198, 0.3092, 0.2813



71.6198, 0.3822, 0.3568



71.6198, 0.3131, 0.3838



71.6198, 0.2479, 0.2953

Rectangle

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



71.6198, 0.3092, 0.2813



71.6198, 0.3641, 0.3188



71.6198, 0.3131, 0.3838



71.6198, 0.2632, 0.3366

Sweetspot

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



71.6229, 0.3092, 0.2813



90.1460, 0.3118, 0.3142



69.0827, 0.2819, 0.2861



19.0753, 0.3116, 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.



71.6229, 0.3092, 0.2813



66.3211, 0.3082, 0.2703



72.1120, 0.3261, 0.2972



18.1391, 0.3111, 0.3054



11.2009, 0.2792, 0.1312



1.1293, 0.2842, 0.1340

Inverse Universe

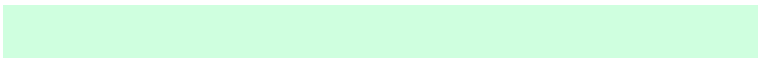
The Inverse Universe completely reimagines the original color for something new.



70.7847, 0.3438, 0.3210



65.3575, 0.3526, 0.3191



90.0964, 0.3014, 0.3631



18.0362, 0.3268, 0.3251



11.2114, 0.6164, 0.3169



1.1048, 0.5884, 0.3015

Previews

White Background



This preview shows how the Yxy color 71.6198, 0.3092, 0.2813 looks on a white background.

Color Contrast Check

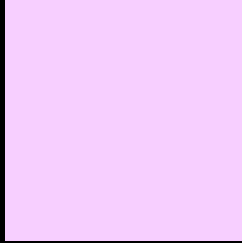
Large Text (above 18pt) WCAG AA × Fail

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 71.6198, 0.3092, 0.2813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

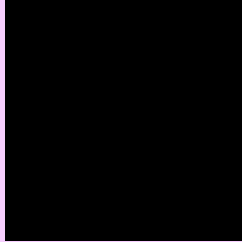
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.6198, 0.3092, 0.2813

Background



This preview shows how black text looks on a background with the Yxy color 71.6198, 0.3092, 0.2813.

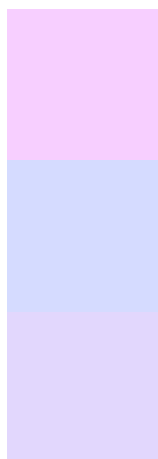


This preview shows how white text looks on a background with the Yxy color 71.6198, 0.3092, 0.2813.

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

71.6198, 0.3092, 0.2813

Protanopia

72.0292, 0.2860, 0.2909

Deuteranopia

71.8615, 0.2957, 0.2895



Tritanopia

71.7431, 0.3246, 0.3125

Trichromacy



Original Color

71.6198, 0.3092, 0.2813

Protanomaly

71.8284, 0.2938, 0.2875

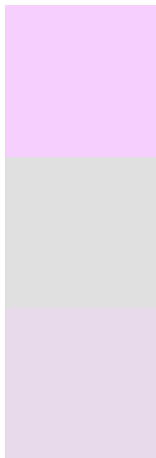
Deuteranomaly

71.7351, 0.3006, 0.2861

Tritanomaly

71.4993, 0.3185, 0.3004

Monochromacy



Original Color

71.6198, 0.3092, 0.2813

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.2968, 0.3114, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6198, 0.3092, 0.2813 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, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 207, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.6198, 0.3092, 0.2813 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, 207, 255) }
```

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

```
.border{ border-color:rgb(247, 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(247, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 207,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6198, 0.3092, 0.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 207, 255) }
```

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

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