

Converting Colors

Yxy(69.2413, 0.3093, 0.2762)

Have a look what the booklet for
Yxy(69.2413, 0.3093, 0.2762)
contains.

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Color

Yxy(69.2352, 0.3093, 0.2762)

Conversions

Conversions Part 1

Format	Color
Hex	F7CAFF
RGB	247, 202, 255
RGB Percent	97%, 79%, 100%
CMY	0.0313, 0.2078, 0.0000
CMYK	0.03, 0.21, 0.00, 0.00
HSL	291°, 100%, 90%
HSV	291°, 21%, 100%
XYZ	77.5324, 69.2352, 103.9029
YIQ	221.4970, 9.8070, 26.0230

Conversions

Conversions Part 2

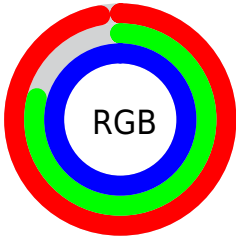
Format	Color
RYB	247, 202, 255
Decimal	16239359
CIELab	86.62, 24.85, -19.97
CIELCh	87, 31.882, 321.214
Yxy	69.2352, 0.3093, 0.2762
Android (android.graphics.Color)	4294429439 (0xFFF7CAFF)
YUV	221.4970, 16.5170, 22.3661
Hunter-Lab	83.2077, 20.7117, -15.7911

Details

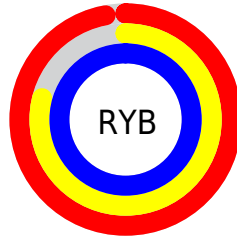
The Yxy color **69.2352, 0.3093, 0.2762** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.4850, 0.3149, 0.3861**, and the grayscale version is **72.5512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2042, 0.3080, 0.2654** is the 20% darker color. If you saturate the color by 10%, you get **57.5507, 0.3070, 0.2500**, and if you desaturate by 10%, it is **82.9143, 0.3112, 0.3022**.

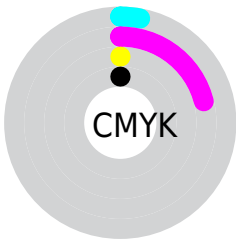
Distribution



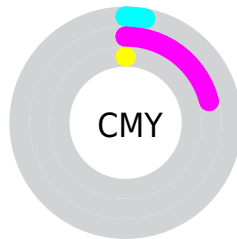
- Red (97%)
- Green (79%)
- Blue (100%)



- Red (97%)
- Yellow (79%)
- Blue (100%)



- Cyan (3%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2352, 0.3093, 0.2762 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 69.2352, 0.3093, 0.2762 by changing the saturation by 10% instead.


 69.2352, 0.3093,
0.2762

 69.2352, 0.3093,
0.2762


457.8601, 0.3113,
0.2998

 50.9033, 0.3088,
0.2710


118.1174, 0.3101,
0.2842

 36.1316, 0.3080,
0.2647


149.4366, 0.3103,
0.2874

 24.5359, 0.3071,
0.2569


185.8535, 0.3106,
0.2901

 15.7316, 0.3057,
0.2469

227.7528, 0.3108,
0.2925

 9.3344, 0.3036,
0.2339

275.5186, 0.3109,
0.2947

 4.9600, 0.3003,
0.2160


329.5356, 0.3111,


 2.2238, 0.2945,

0.2966

0.1902


390.1879, 0.3112,
0.2983


 0.7329, 0.2833,
0.1491


 0.0000, 0.2024,
0.0000

 69.2352, 0.3093,
0.2762

 69.2352, 0.3093,
0.2762


 57.5507, 0.3070,
0.2500


 82.9143, 0.3112,
0.3022

 47.7591, 0.3043,
0.2242

 98.6737, 0.3126,
0.3271

 39.7566, 0.3012,
0.2000

 100.0000, 0.3127,
0.3290

 33.4274, 0.2977,
0.1785

■ 28.6424, 0.2939,
0.1605

■ 25.2532, 0.2900,
0.1468

■ 23.0821, 0.2860,
0.1378

■ 21.9018, 0.2823,
0.1329

Harmonies

Analogous

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



69.2352, 0.2730, 0.2658



69.2352, 0.3093, 0.2762



69.2352, 0.3488, 0.2985

Triad

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



69.2352, 0.3093, 0.2762



69.2352, 0.3797, 0.3866



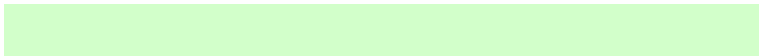
69.2352, 0.2499, 0.3239

Complementary

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



69.2352, 0.3093, 0.2762



89.4850, 0.3149, 0.3861

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.



69.2352, 0.2756, 0.3619



69.2352, 0.3093, 0.2762



69.2352, 0.3505, 0.3992

Square

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



69.2352, 0.3093, 0.2762



69.2352, 0.3908, 0.3602



69.2352, 0.3122, 0.3907



69.2352, 0.2404, 0.2905

Rectangle

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



69.2352, 0.3093, 0.2762



69.2352, 0.3710, 0.3180



69.2352, 0.3122, 0.3907



69.2352, 0.2568, 0.3367

Sweetspot

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



69.2367, 0.3093, 0.2762



90.1887, 0.3119, 0.3142



66.2826, 0.2784, 0.2810



19.0854, 0.3118, 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.



69.2367, 0.3093, 0.2762



64.0727, 0.3084, 0.2652



69.6352, 0.3278, 0.2938



18.1534, 0.3114, 0.3054



11.4967, 0.2830, 0.1333



1.1554, 0.2875, 0.1358

Inverse Universe

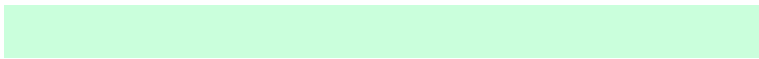
The Inverse Universe completely reimagines the original color for something new.



68.1541, 0.3484, 0.3209



62.8414, 0.3578, 0.3192



89.2263, 0.3003, 0.3671



18.0317, 0.3271, 0.3254



11.1967, 0.6196, 0.3187



1.1027, 0.5927, 0.3039

Previews

White Background



This preview shows how the Yxy color 69.2352, 0.3093, 0.2762 looks on a white background.

Color Contrast Check

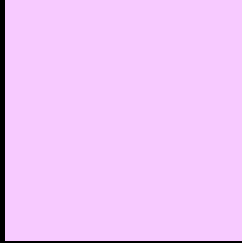
Large Text (above 18pt) WCAG AA × Fail

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 69.2352, 0.3093, 0.2762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

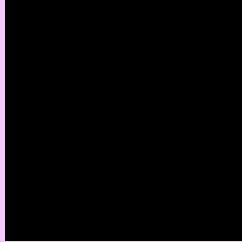
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.2352, 0.3093, 0.2762

Background



This preview shows how black text looks on a background with the Yxy color 69.2352, 0.3093, 0.2762.



This preview shows how white text looks on a background with the Yxy color 69.2352, 0.3093, 0.2762.

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

69.2352, 0.3093, 0.2762

Protanopia

69.2308, 0.2825, 0.2861

Deuteranopia

69.5510, 0.2923, 0.2859



Tritanopia

69.3708, 0.3270, 0.3124

Trichromacy



Original Color

69.2352, 0.3093, 0.2762



Protanomaly

68.8428, 0.2916, 0.2819



Deuteranomaly

69.0905, 0.2978, 0.2815



Tritanomaly

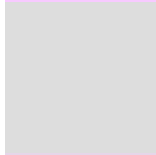
69.3739, 0.3208, 0.2993

Monochromacy



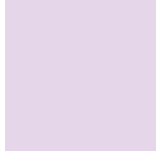
Original Color

69.2352, 0.3093, 0.2762



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

70.7993, 0.3115, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2352, 0.3093, 0.2762 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, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 202, 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, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.2352, 0.3093, 0.2762 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, 202, 255) }
```

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

```
.border{ border-color:rgb(247, 202, 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, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2352, 0.3093, 0.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 202, 255) }
```

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

```
.background{ background-color: rgb(247,  
202, 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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