

Converting Colors

$Yxy(68.5917, 0.2925, 0.2577)$

Have a look what the booklet for
Yxy(68.5917, 0.2925, 0.2577)
contains.

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Color

Yxy(67.5186, 0.3043, 0.2744)

Conversions

Conversions Part 1

Format	Color
Hex	F0C9FF
RGB	240, 201, 255
RGB Percent	94%, 79%, 100%
CMY	0.0587, 0.2118, 0.0001
CMYK	0.06, 0.21, 0.00, 0.00
HSL	283°, 100%, 89%
HSV	283°, 21%, 100%
XYZ	74.8758, 67.5186, 103.6647
YIQ	218.8170, 5.9100, 25.0620

Conversions

Conversions Part 2

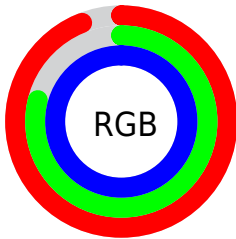
Format	Color
R _Y B	240, 201, 255
Decimal	15780351
CIE Lab	85.77, 23.14, -21.30
CIE LCh	86, 31.447, 317.377
Yxy	67.5186, 0.3043, 0.2744
Android (android.graphics.Color)	4293970431 (0xFFFF0C9FF)
YUV	218.8170, 17.8382, 18.5775
Hunter-Lab	82.1697, 18.8582, -17.2810

Details

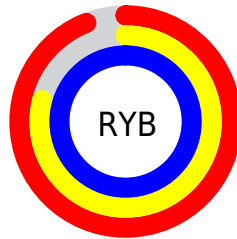
The Yxy color **67.5186, 0.3043, 0.2744** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.3039, 0.3192, 0.3865**, and the grayscale version is **70.5792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1350, 0.3023, 0.2630** is the 20% darker color. If you saturate the color by 10%, you get **55.3936, 0.2992, 0.2471**, and if you desaturate by 10%, it is **81.6702, 0.3087, 0.3010**.

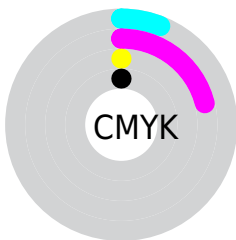
Distribution



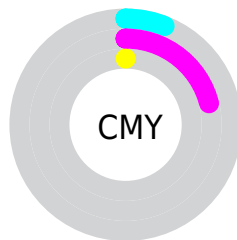
- Red (94%)
- Green (79%)
- Blue (100%)



- Red (94%)
- Yellow (79%)
- Blue (100%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5186, 0.3043, 0.2744 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 67.5186, 0.3043, 0.2744 by changing the saturation by 10% instead.


 67.5186, 0.3043,
0.2744

 67.5186, 0.3043,
0.2744


451.7885, 0.3086,
0.2989

 49.5062, 0.3032,
0.2690


115.6632, 0.3059,
0.2827

 35.0212, 0.3018,
0.2624


146.5642, 0.3065,
0.2860

 23.6792, 0.3000,
0.2542


182.5301, 0.3070,
0.2889

 15.0958, 0.2975,
0.2438

223.9455, 0.3074,
0.2914

 8.8867, 0.2940,
0.2300

271.1946, 0.3078,
0.2936

 4.6673, 0.2885,
0.2112


324.6619, 0.3081,


 2.0534, 0.2794,


0.2956


0.1840

384.7317, 0.3084,
0.2973


 0.6382, 0.2630,
0.1380


 0.0000, 0.1087,
0.0000


 67.5186, 0.3043,
0.2744


 67.5186, 0.3043,
0.2744


 55.3936, 0.2992,
0.2471


 81.6702, 0.3087,
0.3010

 45.1888, 0.2932,
0.2198

 97.9310, 0.3123,
0.3262

 36.8010, 0.2866,
0.1936

 99.9979, 0.3127,
0.3290

 30.1137, 0.2795,
0.1697

■ 24.9964, 0.2720,
0.1492

■ 21.2996, 0.2643,
0.1331

■ 18.8436, 0.2569,
0.1218

■ 17.4608, 0.2505,
0.1154

Harmonies

Analogous

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



67.5186, 0.2693, 0.2659



67.5186, 0.3043, 0.2744



67.5186, 0.3438, 0.2953

Triad

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



67.5186, 0.3043, 0.2744



67.5186, 0.3819, 0.3835



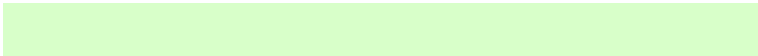
67.5186, 0.2526, 0.3288

Complementary

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



67.5186, 0.3043, 0.2744



90.3039, 0.3192, 0.3865

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.



67.5186, 0.2800, 0.3662



67.5186, 0.3043, 0.2744



67.5186, 0.3547, 0.3983

Square

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



67.5186, 0.3043, 0.2744



67.5186, 0.3902, 0.3561



67.5186, 0.3173, 0.3927



67.5186, 0.2410, 0.2943

Rectangle

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



67.5186, 0.3043, 0.2744



67.5186, 0.3669, 0.3141



67.5186, 0.3173, 0.3927



67.5186, 0.2602, 0.3416

Sweetspot

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



67.5215, 0.3043, 0.2744



89.8297, 0.3107, 0.3142



68.8950, 0.2782, 0.2870



19.0004, 0.3104, 0.3125



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.



67.5215, 0.3043, 0.2744



62.6577, 0.3024, 0.2640



69.5135, 0.3235, 0.2871



18.0329, 0.3093, 0.3053



9.2046, 0.2517, 0.1160



0.9508, 0.2598, 0.1205

Inverse Universe

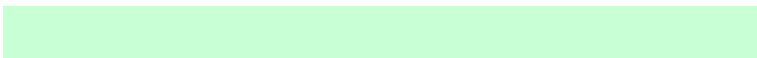
The Inverse Universe completely reimagines the original color for something new.



67.9801, 0.3440, 0.3139



63.2286, 0.3512, 0.3110



88.7044, 0.3035, 0.3749



18.0697, 0.3251, 0.3224



11.3651, 0.5849, 0.2996



1.1241, 0.5530, 0.2820

Previews

White Background



This preview shows how the Yxy color 67.5186, 0.3043, 0.2744 looks on a white background.

Color Contrast Check

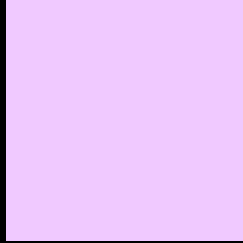
Large Text (above 18pt) WCAG AA × Fail

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 67.5186, 0.3043, 0.2744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

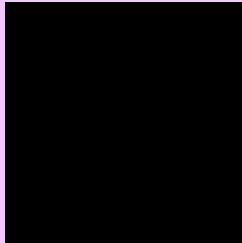
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.5186, 0.3043, 0.2744

Background



This preview shows how black text looks on a background with the Yxy color 67.5186, 0.3043, 0.2744.



This preview shows how white text looks on a background with the Yxy color 67.5186, 0.3043, 0.2744.

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

67.5186, 0.3043, 0.2744

Protanopia

67.7876, 0.2805, 0.2837

Deuteranopia

67.9367, 0.2895, 0.2834



Tritanopia

67.6155, 0.3226, 0.3120

Trichromacy



Original Color

67.5186, 0.3043, 0.2744

Protanomaly

67.7264, 0.2889, 0.2804

Deuteranomaly

67.7890, 0.2943, 0.2800

Tritanomaly

67.6653, 0.3157, 0.2977

Monochromacy



Original Color

67.5186, 0.3043, 0.2744

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.2441, 0.3101, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5186, 0.3043, 0.2744 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(240, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 201, 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(240, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 67.5186, 0.3043, 0.2744 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(240, 201, 255) }
```

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

```
.border{ border-color:rgb(240, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5186, 0.3043, 0.2744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 201, 255) }
```

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

```
.background{ background-color: rgb(240,  
201, 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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