

Converting Colors

$Y_{xy}(67.2798, 0.3042, 0.2752)$

Have a look what the booklet for
Yxy(67.2798, 0.3042, 0.2752)
contains.

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Color

Yxy(67.2798, 0.3042, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	EFC9FE
RGB	239, 201, 254
RGB Percent	94%, 79%, 100%
CMY	0.0628, 0.2117, 0.0039
CMYK	0.06, 0.21, 0.00, 0.00
HSL	283°, 96%, 89%
HSV	283°, 21%, 100%
XYZ	74.3696, 67.2798, 102.8266
YIQ	218.4040, 5.6350, 24.5390

Conversions

Conversions Part 2

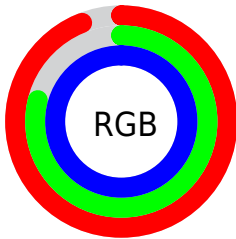
Format	Color
R _Y B	239, 201, 254
Decimal	15714814
CIE Lab	85.65, 22.61, -20.97
CIE LCh	86, 30.841, 317.160
Yxy	67.2798, 0.3042, 0.2752
Android (android.graphics.Color)	4293904894 (0xFFEFC9FE)
YUV	218.4040, 17.5488, 18.0627
Hunter-Lab	82.0243, 18.2996, -16.9097

Details

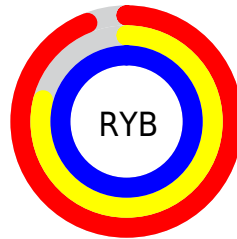
The Yxy color **67.2798, 0.3042, 0.2752** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.6979, 0.3194, 0.3855**, and the grayscale version is **70.2793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9659, 0.3023, 0.2640** is the 20% darker color. If you saturate the color by 10%, you get **55.1761, 0.2989, 0.2478**, and if you desaturate by 10%, it is **81.3969, 0.3087, 0.3018**.

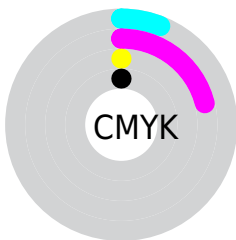
Distribution



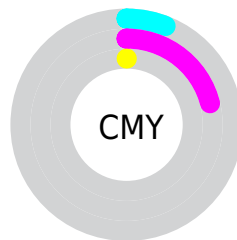
- Red (94%)
- Green (79%)
- Blue (100%)



- 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 67.2798, 0.3042, 0.2752 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 67.2798, 0.3042, 0.2752 by changing the saturation by 10% instead.

 67.2798, 0.3042,
0.2752

 67.2798, 0.3042,
0.2752


450.9401, 0.3086,
0.2994

 49.3120, 0.3031,
0.2699

115.3212, 0.3058,
0.2834

 34.8671, 0.3017,
0.2633


146.1637, 0.3064,
0.2867

 23.5605, 0.2999,
0.2552


182.0666, 0.3069,
0.2895

 15.0079, 0.2974,
0.2449

223.4142, 0.3073,
0.2920

 8.8249, 0.2938,
0.2313

270.5909, 0.3077,
0.2941

 4.6272, 0.2884,
0.2125

323.9812, 0.3080,

 2.0302, 0.2792,

0.2961

0.1854

383.9695, 0.3083,
0.2978

0.6249, 0.2629,
0.1387

0.0000, 0.0906,
0.0000

67.2798, 0.3042,
0.2752

67.2798, 0.3042,
0.2752

55.1761, 0.2989,
0.2478

81.3969, 0.3087,
0.3018

44.9805, 0.2929,
0.2205

97.6090, 0.3124,
0.3269

36.5911, 0.2861,
0.1941

99.9354, 0.3133,
0.3300

29.8926, 0.2788,
0.1700

■ 24.7565, 0.2711,
0.1492

■ 21.0351, 0.2633,
0.1328

■ 18.5516, 0.2557,
0.1213

■ 17.1107, 0.2490,
0.1145

Harmonies

Analogous

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



67.2798, 0.2698, 0.2669



67.2798, 0.3042, 0.2752



67.2798, 0.3430, 0.2957

Triad

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



67.2798, 0.3042, 0.2752



67.2798, 0.3808, 0.3824



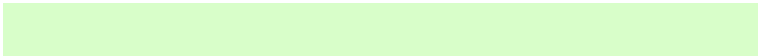
67.2798, 0.2538, 0.3291

Complementary

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



67.2798, 0.3042, 0.2752



89.6979, 0.3194, 0.3855

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.



67.2798, 0.2809, 0.3658



67.2798, 0.3042, 0.2752



67.2798, 0.3543, 0.3969

Square

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



67.2798, 0.3042, 0.2752



67.2798, 0.3888, 0.3555



67.2798, 0.3175, 0.3916



67.2798, 0.2422, 0.2952

Rectangle

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



67.2798, 0.3042, 0.2752



67.2798, 0.3657, 0.3142



67.2798, 0.3175, 0.3916



67.2798, 0.2613, 0.3417

Sweetspot

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



67.2827, 0.3042, 0.2752



89.8114, 0.3106, 0.3142



68.6971, 0.2787, 0.2877



18.9960, 0.3103, 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.



67.2827, 0.3042, 0.2752



62.5869, 0.3021, 0.2639



69.2892, 0.3233, 0.2877



18.0268, 0.3092, 0.3053



9.0998, 0.2501, 0.1152



0.9413, 0.2585, 0.1197

Inverse Universe

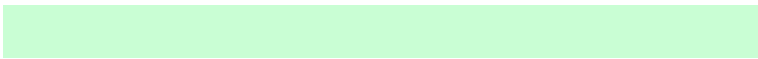
The Inverse Universe completely reimagines the original color for something new.



67.8059, 0.3431, 0.3138



63.2490, 0.3509, 0.3105



88.0770, 0.3036, 0.3742



18.0716, 0.3250, 0.3223



11.3765, 0.5827, 0.2984



1.1255, 0.5508, 0.2808

Previews

White Background



This preview shows how the Yxy color 67.2798, 0.3042, 0.2752 looks on a white background.

Color Contrast Check

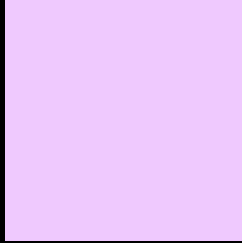
Large Text (above 18pt) WCAG AA × Fail

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 67.2798, 0.3042, 0.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

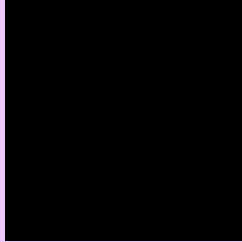
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

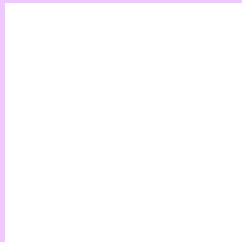
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2798, 0.3042, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 67.2798, 0.3042, 0.2752.

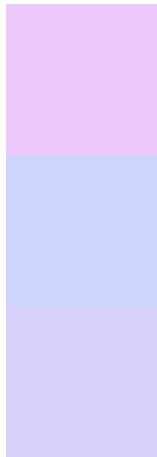


This preview shows how white text looks on a background with the Yxy color 67.2798, 0.3042, 0.2752.

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

67.2798, 0.3042, 0.2752

Protanopia

67.7876, 0.2805, 0.2837

Deuteranopia

67.3809, 0.2901, 0.2833



Tritanopia

67.4458, 0.3218, 0.3120

Trichromacy



Original Color

67.2798, 0.3042, 0.2752

Protanomaly

67.5726, 0.2882, 0.2804

Deuteranomaly

67.2420, 0.2949, 0.2799

Tritanomaly

67.4360, 0.3156, 0.2986

Monochromacy



Original Color

67.2798, 0.3042, 0.2752

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.0252, 0.3100, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2798, 0.3042, 0.2752 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(239, 201, 254)` looks like.

```
.text, #text, p{  
    color:rgb(239, 201, 254)  
}
```

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(239, 201, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 201, 254) }
```

Border

The CSS property to change the border of an element to Yxy 67.2798, 0.3042, 0.2752 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(239, 201, 254) }
```

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

```
.border{ border-color:rgb(239, 201, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 201, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 201, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 201, 254);  
box-shadow:4px 4px 4px 4px rgb(239, 201,  
254) }
```


Background

The CSS property to change the background color of an element to `rgb(67.2798, 0.3042, 0.2752)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 201, 254) }
```

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

```
.background{ background-color: rgb(239,  
201, 254) }
```

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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