

Converting Colors

$Y_{xy}(71.5827, 0.3057, 0.2889)$

Have a look what the booklet for
Yxy(71.5827, 0.3057, 0.2889)
contains.

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Color

Yxy(71.6678, 0.3060, 0.2893)

Conversions

Conversions Part 1

Format	Color
Hex	EED3FA
RGB	238, 211, 250
RGB Percent	93%, 83%, 98%
CMY	0.0667, 0.1725, 0.0197
CMYK	0.05, 0.16, 0.00, 0.02
HSL	282°, 79%, 90%
HSV	282°, 16%, 98%
XYZ	75.8049, 71.6678, 100.2556
YIQ	223.5190, 3.5730, 17.8530

Conversions

Conversions Part 2

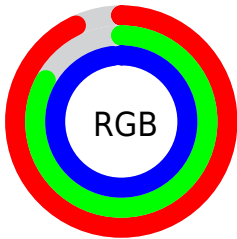
Format	Color
R_{YB}	238, 211, 250
Decimal	15651834
CIE _{Lab}	87.81, 16.23, -15.59
CIE _{LCh}	88, 22.509, 316.158
Yxy	71.6678, 0.3060, 0.2893
Android (android.graphics.Color)	4293841914 (0xFFEED3FA)
YUV	223.5190, 13.0551, 12.6998
Hunter-Lab	84.6568, 11.6860, -10.9549

Details

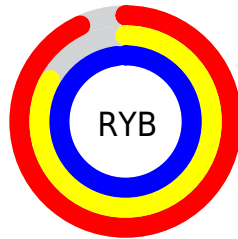
The Yxy color **71.6678, 0.3060, 0.2893** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.7423, 0.3184, 0.3700**, and the grayscale version is **74.0846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5723, 0.3047, 0.2805** is the 20% darker color. If you saturate the color by 10%, you get **58.8992, 0.3006, 0.2622**, and if you desaturate by 10%, it is **86.4305, 0.3105, 0.3152**.

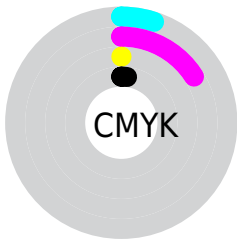
Distribution



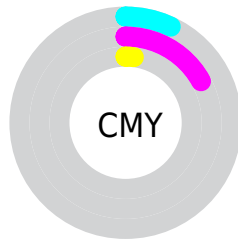
- Red (93%)
- Green (83%)
- Blue (98%)



- Red (93%)
- Yellow (83%)
- Blue (98%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)




- Cyan (7%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6678, 0.3060, 0.2893 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 71.6678, 0.3060, 0.2893 by changing the saturation by 10% instead.


 71.6678, 0.3060,
0.2893

 71.6678, 0.3060,
0.2893


466.3845, 0.3093,
0.3072

 52.8874, 0.3052,
0.2853

121.5841, 0.3072,
0.2954

 37.7129, 0.3042,
0.2805


153.4888, 0.3076,
0.2978

 25.7599, 0.3029,
0.2745


190.5369, 0.3080,
0.2999

 16.6441, 0.3011,
0.2667

233.1130, 0.3084,
0.3017

 9.9811, 0.2986,
0.2564

281.6014, 0.3086,
0.3033

 5.3864, 0.2948,
0.2422

336.3866, 0.3089,

 2.4757, 0.2886,

0.3047

0.2211

397.8528, 0.3091,
0.3060

0.8644, 0.2767,
0.1873

0.0000, 0.1671,
0.0000

71.6678, 0.3060,
0.2893

71.6678, 0.3060,
0.2893

58.8992, 0.3006,
0.2622

86.4305, 0.3105,
0.3152

48.0258, 0.2944,
0.2344

99.3709, 0.3146,
0.3338

38.9540, 0.2874,
0.2071

99.6803, 0.3156,
0.3338

31.5786, 0.2797,
0.1812

■ 25.7829, 0.2715,
0.1580

■ 21.4353, 0.2630,
0.1388

■ 18.3823, 0.2546,
0.1241

■ 16.4342, 0.2466,
0.1145

■ 15.8022, 0.2431,
0.1113

Harmonies

Analogous

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



71.6678, 0.2812, 0.2838



71.6678, 0.3060, 0.2893



71.6678, 0.3337, 0.3043

Triad

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



71.6678, 0.3060, 0.2893



71.6678, 0.3620, 0.3674



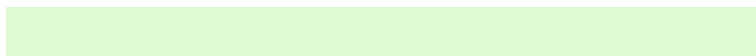
71.6678, 0.2707, 0.3304

Complementary

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



71.6678, 0.3060, 0.2893



88.7423, 0.3184, 0.3700

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.



71.6678, 0.2909, 0.3557



71.6678, 0.3060, 0.2893



71.6678, 0.3437, 0.3772

Square

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



71.6678, 0.3060, 0.2893



71.6678, 0.3668, 0.3482



71.6678, 0.3175, 0.3733



71.6678, 0.2615, 0.3061

Rectangle

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



71.6678, 0.3060, 0.2893



71.6678, 0.3498, 0.3179



71.6678, 0.3175, 0.3733



71.6678, 0.2764, 0.3392

Sweetspot

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



71.6709, 0.3060, 0.2893



91.3976, 0.3108, 0.3167



73.7122, 0.2879, 0.3006



19.3135, 0.3105, 0.3149



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.



71.6709, 0.3060, 0.2893



70.1726, 0.3043, 0.2801



73.3730, 0.3194, 0.2972



17.2413, 0.3089, 0.3053



8.4635, 0.2444, 0.1120



0.8397, 0.2537, 0.1171

Inverse Universe

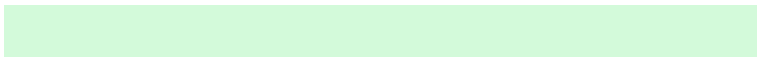
The Inverse Universe completely reimagines the original color for something new.



72.2391, 0.3335, 0.3168



70.9118, 0.3390, 0.3140



87.2737, 0.3067, 0.3631



17.3130, 0.3245, 0.3217



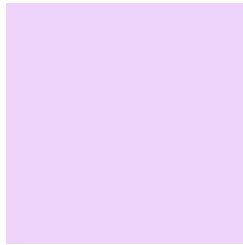
11.0859, 0.5740, 0.2936



1.0448, 0.5404, 0.2751

Previews

White Background



This preview shows how the Yxy color 71.6678, 0.3060, 0.2893 looks on a white background.

Color Contrast Check

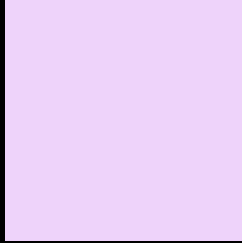
Large Text (above 18pt) WCAG AA × Fail

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 71.6678, 0.3060, 0.2893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

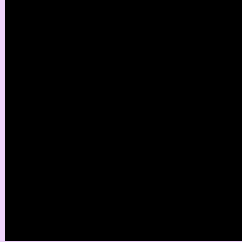
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

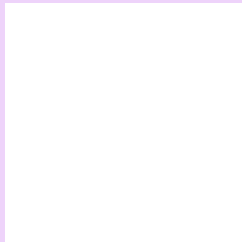
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6678, 0.3060, 0.2893

Background



This preview shows how black text looks on a background with the Yxy color 71.6678, 0.3060, 0.2893.



This preview shows how white text looks on a background with the Yxy color 71.6678, 0.3060, 0.2893.

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

71.6678, 0.3060, 0.2893

Protanopia

72.1792, 0.2866, 0.2909

Deuteranopia

71.9344, 0.2996, 0.2936



Tritanopia

71.5248, 0.3165, 0.3112

Trichromacy



Original Color

71.6678, 0.3060, 0.2893

Protanomaly

71.8916, 0.2937, 0.2904

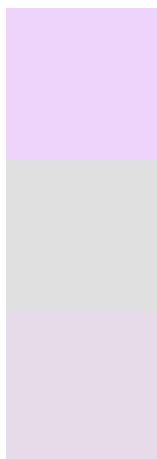
Deuteranomaly

72.0885, 0.3024, 0.2929

Tritanomaly

71.5944, 0.3125, 0.3031

Monochromacy



Original Color

71.6678, 0.3060, 0.2893

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.2042, 0.3106, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6678, 0.3060, 0.2893 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(238, 211, 250)` looks like.

```
.text, #text, p{  
    color:rgb(238, 211, 250)  
}
```

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(238, 211, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 211, 250) }
```

Border

The CSS property to change the border of an element to Yxy 71.6678, 0.3060, 0.2893 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(238, 211, 250) }
```

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

```
.border{ border-color:rgb(238, 211, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 211, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 211, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 211, 250);  
box-shadow:4px 4px 4px 4px rgb(238, 211,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6678, 0.3060, 0.2893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 211, 250) }
```

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

```
.background{ background-color: rgb(238,  
211, 250) }
```

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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