

Converting Colors

$Yxy(70.9857, 0.3080, 0.2911)$

Have a look what the booklet for
Yxy(70.9857, 0.3080, 0.2911)
contains.

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Color

Yxy(70.9857, 0.3080, 0.2911)

Conversions

Conversions Part 1

Format	Color
Hex	EED2F7
RGB	238, 210, 247
RGB Percent	93%, 82%, 97%
CMY	0.0665, 0.1765, 0.0313
CMYK	0.04, 0.15, 0.00, 0.03
HSL	285°, 70%, 90%
HSV	285°, 15%, 97%
XYZ	75.1068, 70.9857, 97.7608
YIQ	222.5900, 4.8110, 17.4430

Conversions

Conversions Part 2

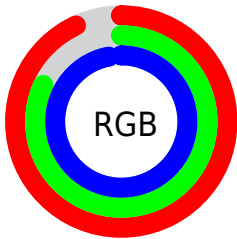
Format	Color
R _Y B	238, 210, 247
Decimal	15651575
CIE Lab	87.48, 16.23, -14.53
CIE LCh	87, 21.787, 318.158
Yxy	70.9857, 0.3080, 0.2911
Android (android.graphics.Color)	4293841655 (0xFFEED2F7)
YUV	222.5900, 12.0341, 13.5146
Hunter-Lab	84.2530, 11.6799, -9.8185

Details

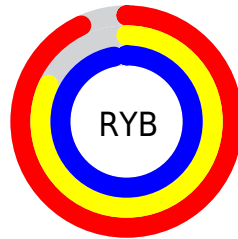
The Yxy color $70.9857, 0.3080, 0.2911$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.2490, 0.3166, 0.3685$, and the grayscale version is $73.4016, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.1494, 0.3064, 0.2817$ is the 20% darker color. If you saturate the color by 10%, you get $58.6975, 0.3040, 0.2644$, and if you desaturate by 10%, it is $85.1972, 0.3113, 0.3167$.

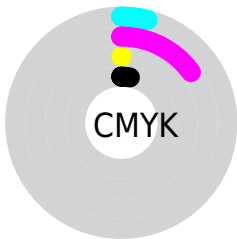
Distribution



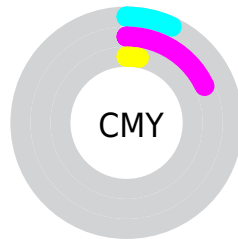
- Red (93%)
- Green (82%)
- Blue (97%)



- Red (93%)
- Yellow (82%)
- Blue (97%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)




- Cyan (7%)
- Magenta (18%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9857, 0.3080, 0.2911 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 70.9857, 0.3080, 0.2911 by changing the saturation by 10% instead.


 70.9857, 0.3080,
0.2911

 70.9857, 0.3080,
0.2911


464.0034, 0.3104,
0.3082

 52.3305, 0.3074,
0.2873


120.6134, 0.3089,
0.2970

 37.2686, 0.3067,
0.2826


152.3546, 0.3092,
0.2993

 25.4155, 0.3057,
0.2768


189.2267, 0.3095,
0.3012

 16.3869, 0.3043,
0.2694

231.6141, 0.3097,
0.3030

 9.7984, 0.3024,
0.2594

279.9010, 0.3099,
0.3045

 5.2655, 0.2994,
0.2456

334.4720, 0.3101,

 2.4038, 0.2944,

0.3059

0.2250

395.7113, 0.3102,
0.3071

0.8279, 0.2847,
0.1914

0.0000, 0.1552,
0.0000

70.9857, 0.3080,
0.2911

70.9857, 0.3080,
0.2911

58.6975, 0.3040,
0.2644

85.1972, 0.3113,
0.3167

48.2371, 0.2994,
0.2374

98.5669, 0.3142,
0.3367

39.5144, 0.2941,
0.2109

99.4972, 0.3173,
0.3366

32.4279, 0.2882,
0.1860

■ 26.8657, 0.2819,
0.1640

■ 22.7012, 0.2753,
0.1458

■ 19.7874, 0.2687,
0.1321

■ 17.9432, 0.2622,
0.1232

■ 17.2884, 0.2591,
0.1201

Harmonies

Analogous

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



70.9857, 0.2835, 0.2851



70.9857, 0.3080, 0.2911



70.9857, 0.3348, 0.3062

Triad

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



70.9857, 0.3080, 0.2911



70.9857, 0.3597, 0.3673



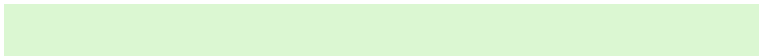
70.9857, 0.2709, 0.3287

Complementary

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



70.9857, 0.3080, 0.2911



86.2490, 0.3166, 0.3685

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.



70.9857, 0.2900, 0.3534



70.9857, 0.3080, 0.2911



70.9857, 0.3413, 0.3760

Square

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



70.9857, 0.3080, 0.2911



70.9857, 0.3653, 0.3491



70.9857, 0.3156, 0.3712



70.9857, 0.2628, 0.3054

Rectangle

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



70.9857, 0.3080, 0.2911



70.9857, 0.3501, 0.3197



70.9857, 0.3156, 0.3712



70.9857, 0.2762, 0.3372

Sweetspot

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



70.9887, 0.3080, 0.2911



93.1972, 0.3116, 0.3192



71.2107, 0.2888, 0.2991



19.6825, 0.3114, 0.3173



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.



70.9887, 0.3080, 0.2911



72.0773, 0.3069, 0.2831



72.0271, 0.3208, 0.3009



16.5538, 0.3099, 0.3054



9.2102, 0.2601, 0.1207



0.8567, 0.2681, 0.1250

Inverse Universe

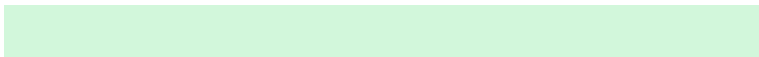
The Inverse Universe completely reimagines the original color for something new.



70.9812, 0.3343, 0.3198



72.0903, 0.3395, 0.3178



85.3668, 0.3055, 0.3589



16.5485, 0.3255, 0.3233



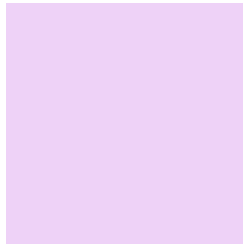
10.6489, 0.5954, 0.3053



0.9515, 0.5606, 0.2862

Previews

White Background



This preview shows how the Yxy color 70.9857, 0.3080, 0.2911 looks on a white background.

Color Contrast Check

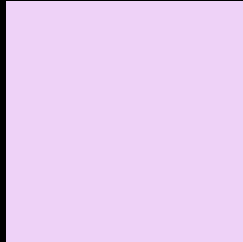
Large Text (above 18pt) WCAG AA × Fail

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 70.9857, 0.3080, 0.2911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

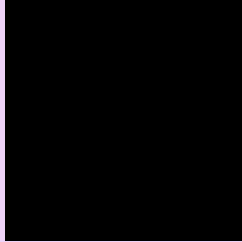
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.9857, 0.3080, 0.2911

Background



This preview shows how black text looks on a background with the Yxy color 70.9857, 0.3080, 0.2911.



This preview shows how white text looks on a background with the Yxy color 70.9857, 0.3080, 0.2911.

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

70.9857, 0.3080, 0.2911

Protanopia

71.3172, 0.2877, 0.2928

Deuteranopia

71.2409, 0.3015, 0.2956



Tritanopia

70.9638, 0.3172, 0.3112

Trichromacy



Original Color

70.9857, 0.3080, 0.2911

Protanomaly

71.0326, 0.2949, 0.2922

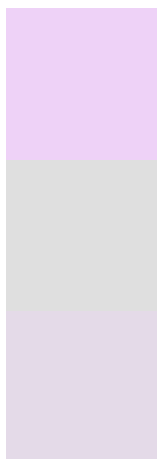
Deuteranomaly

71.3981, 0.3043, 0.2948

Tritanomaly

70.9760, 0.3139, 0.3040

Monochromacy



Original Color

70.9857, 0.3080, 0.2911

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.4630, 0.3106, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9857, 0.3080, 0.2911 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, 210, 247)` looks like.

```
.text, #text, p{  
    color:rgb(238, 210, 247)  
}
```

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, 210, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 210, 247) }
```

Border

The CSS property to change the border of an element to Yxy 70.9857, 0.3080, 0.2911 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, 210, 247) }
```

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

```
.border{ border-color:rgb(238, 210, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 210, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 210, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 210, 247);  
box-shadow:4px 4px 4px 4px rgb(238, 210,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9857, 0.3080, 0.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 210, 247) }
```

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

```
.background{ background-color: rgb(238,  
210, 247) }
```

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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