

Converting Colors

$Y_{xy}(71.3609, 0.2935, 0.2866)$

Have a look what the booklet for
Yxy(71.3609, 0.2935, 0.2866)
contains.

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Color

Yxy(71.3207, 0.2938, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	E1D6FF
RGB	225, 214, 255
RGB Percent	88%, 84%, 100%
CMY	0.1174, 0.1608, 0.0000
CMYK	0.12, 0.16, 0.00, 0.00
HSL	256°, 100%, 92%
HSV	256°, 16%, 100%
XYZ	73.1635, 71.3207, 104.5406
YIQ	221.9630, -6.6050, 15.0830

Conversions

Conversions Part 2

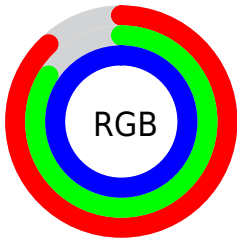
Format	Color
R _Y B	225, 214, 255
Decimal	14800639
CIE Lab	87.64, 11.51, -18.61
CIE LCh	88, 21.885, 301.727
Yxy	71.3207, 0.2938, 0.2864
Android (android.graphics.Color)	4292990719 (0xFFE1D6FF)
YUV	221.9630, 16.2872, 2.6634
Hunter-Lab	84.4516, 6.8508, -14.2776

Details

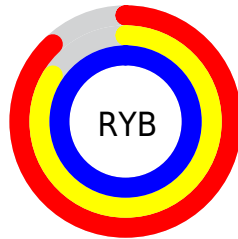
The Yxy color **71.3207, 0.2938, 0.2864** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.5949, 0.3297, 0.3700**, and the grayscale version is **72.9106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3085, 0.2889, 0.2767** is the 20% darker color. If you saturate the color by 10%, you get **56.5784, 0.2798, 0.2565**, and if you desaturate by 10%, it is **88.4119, 0.3061, 0.3137**.

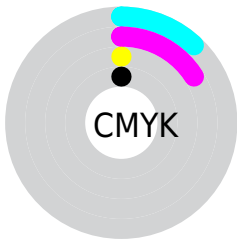
Distribution



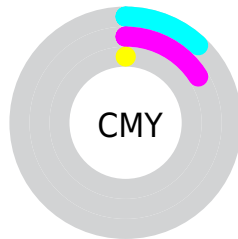
- Red (88%)
- Green (84%)
- Blue (100%)



- Red (88%)
- Yellow (84%)
- Blue (100%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3207, 0.2938, 0.2864 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 71.3207, 0.2938, 0.2864 by changing the saturation by 10% instead.

71.3207, 0.2938,
0.2864

71.3207, 0.2938,
0.2864

465.1737, 0.3027,
0.3057

52.6040, 0.2917,
0.2821

121.0903, 0.2969,
0.2930

37.4867, 0.2892,
0.2769

152.9118, 0.2981,
0.2956

25.5845, 0.2859,
0.2703

189.8705, 0.2992,
0.2978

16.5131, 0.2816,
0.2620

232.3506, 0.3000,
0.2998

9.8880, 0.2758,
0.2508

280.7366, 0.3008,
0.3015

5.3247, 0.2673,
0.2353

335.4129, 0.3015,

2.4390, 0.2540,

0.3030

0.2125

396.7638, 0.3021,
0.3044

■ 0.8459, 0.2309,
0.1761

■ 0.0000, 0.0311,
0.0000

■ 71.3207, 0.2938,
0.2864

■ 71.3207, 0.2938,
0.2864

■ 56.5784, 0.2798,
0.2565

■ 88.4119, 0.3061,
0.3137

■ 44.0774, 0.2641,
0.2245

100.0000, 0.3127,
0.3290

■ 33.7068, 0.2470,
0.1915

■ 25.3445, 0.2291,
0.1590

■ 18.8560, 0.2112,
0.1288

■ 14.0897, 0.1945,
0.1032

■ 10.8693, 0.1801,
0.0838

■ 8.9779, 0.1687,
0.0716

■ 8.4787, 0.1651,
0.0683

Harmonies

Analogous

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



71.3207, 0.2732, 0.2862



71.3207, 0.2938, 0.2864



71.3207, 0.3203, 0.2969

Triad

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



71.3207, 0.2938, 0.2864



71.3207, 0.3648, 0.3583



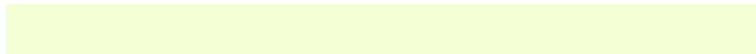
71.3207, 0.2801, 0.3426

Complementary

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



71.3207, 0.2938, 0.2864



95.5949, 0.3297, 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.



71.3207, 0.3036, 0.3646



71.3207, 0.2938, 0.2864



71.3207, 0.3528, 0.3728

Square

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



71.3207, 0.2938, 0.2864



71.3207, 0.3622, 0.3372



71.3207, 0.3302, 0.3757



71.3207, 0.2656, 0.3175

Rectangle

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



71.3207, 0.2938, 0.2864



71.3207, 0.3378, 0.3084



71.3207, 0.3302, 0.3757



71.3207, 0.2872, 0.3507

Sweetspot

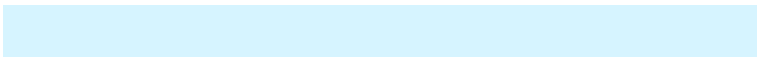
The Sweet Spot groups the original color and five complimentary colors.



71.3219, 0.2938, 0.2864



90.4102, 0.3073, 0.3165



86.2530, 0.2878, 0.3176



19.0736, 0.3065, 0.3147



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.



71.3219, 0.2938, 0.2864



66.7853, 0.2899, 0.2780



74.7954, 0.3079, 0.2882



17.6148, 0.3021, 0.3047



4.4925, 0.1665, 0.0691



0.4884, 0.1777, 0.0753

Inverse Universe

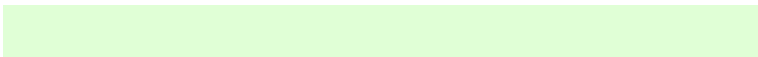
The Inverse Universe completely reimagines the original color for something new.



75.8730, 0.3221, 0.2995



72.0741, 0.3241, 0.2939



92.1506, 0.3166, 0.3717



18.2118, 0.3180, 0.3118



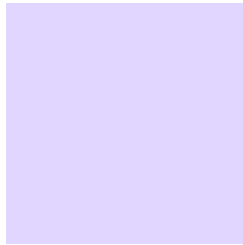
12.9915, 0.4037, 0.1997



1.2832, 0.3920, 0.1933

Previews

White Background



This preview shows how the Yxy color 71.3207, 0.2938, 0.2864 looks on a white background.

Color Contrast Check

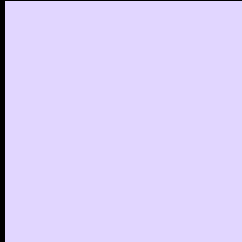
Large Text (above 18pt) WCAG AA × Fail

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 71.3207, 0.2938, 0.2864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

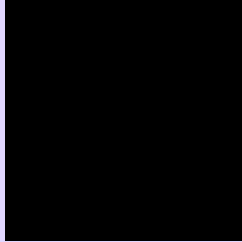
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3207, 0.2938, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 71.3207, 0.2938, 0.2864.

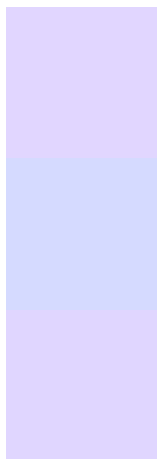


This preview shows how white text looks on a background with the Yxy color 71.3207, 0.2938, 0.2864.

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

71.3207, 0.2938, 0.2864

Protanopia

71.5089, 0.2860, 0.2898

Deuteranopia

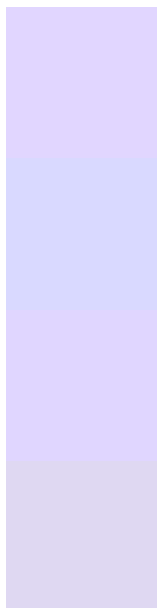
71.1604, 0.2931, 0.2864



Tritanopia

71.1535, 0.3044, 0.3097

Trichromacy



Original Color

71.3207, 0.2938, 0.2864

Protanomaly

71.5974, 0.2885, 0.2890

Deuteranomaly

71.1604, 0.2931, 0.2864

Tritanomaly

71.2105, 0.3006, 0.3014

Monochromacy



Original Color

71.3207, 0.2938, 0.2864

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.2915, 0.3057, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3207, 0.2938, 0.2864 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(225, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 214, 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(225, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 214, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.3207, 0.2938, 0.2864 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(225, 214, 255) }
```

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

```
.border{ border-color:rgb(225, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 214,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3207, 0.2938, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 214, 255) }
```

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

```
.background{ background-color: rgb(225,  
214, 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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