

Converting Colors

$Y_{xy}(71.5819, 0.2939, 0.2837)$

Have a look what the booklet for
Yxy(71.5819, 0.2939, 0.2837)
contains.

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Color

Yxy(71.1394, 0.2951, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	E3D5FF
RGB	227, 213, 255
RGB Percent	89%, 84%, 100%
CMY	0.1100, 0.1646, 0.0001
CMYK	0.11, 0.16, 0.00, 0.00
HSL	260°, 100%, 92%
HSV	260°, 16%, 100%
XYZ	73.5057, 71.1394, 104.4424
YIQ	221.9740, -5.1380, 16.0300

Conversions

Conversions Part 2

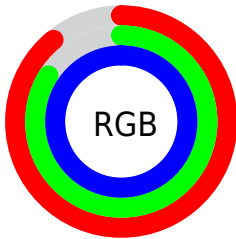
Format	Color
R _Y B	227, 213, 255
Decimal	14931455
CIE Lab	87.55, 12.60, -18.70
CIE LCh	88, 22.553, 303.968
Yxy	71.1394, 0.2951, 0.2856
Android (android.graphics.Color)	4293121535 (0xFFE3D5FF)
YUV	221.9740, 16.2818, 4.4078
Hunter-Lab	84.3442, 7.9600, -14.3772

Details

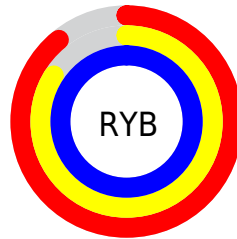
The Yxy color $71.1394, 0.2951, 0.2856$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95.0204, 0.3284, 0.3712$, and the grayscale version is $72.9099, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.1889, 0.2906, 0.2756$ is the 20% darker color. If you saturate the color by 10%, you get $56.6720, 0.2822, 0.2560$, and if you desaturate by 10%, it is $87.9034, 0.3063, 0.3128$.

Distribution



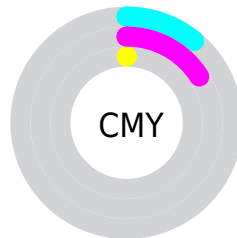
- Red (89%)
- Green (84%)
- Blue (100%)



- Red (89%)
- Yellow (84%)
- Blue (100%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)




- Cyan (11%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1394, 0.2951, 0.2856 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 71.1394, 0.2951, 0.2856 by changing the saturation by 10% instead.

 71.1394, 0.2951,
0.2856

 71.1394, 0.2951,
0.2856


464.5406, 0.3034,
0.3052

 52.4560, 0.2932,
0.2812


120.8322, 0.2980,
0.2923

 37.3686, 0.2908,
0.2759


152.6103, 0.2991,
0.2949

 25.4930, 0.2877,
0.2693


189.5222, 0.3001,
0.2972

 16.4448, 0.2837,
0.2608

231.9521, 0.3009,
0.2992

 9.8394, 0.2781,
0.2495

280.2845, 0.3017,
0.3010

 5.2926, 0.2701,
0.2338

334.9038, 0.3023,

 2.4200, 0.2574,

0.3025

0.2108

396.1944, 0.3029,
0.3039

0.8361, 0.2351,
0.1740

0.0000, 0.0471,
0.0000

71.1394, 0.2951,
0.2856

71.1394, 0.2951,
0.2856

56.6720, 0.2822,
0.2560

87.9034, 0.3063,
0.3128

44.3904, 0.2678,
0.2246

99.9984, 0.3127,
0.3290

34.1879, 0.2519,
0.1923

25.9449, 0.2352,
0.1606

■ 19.5296, 0.2183,
0.1314

■ 14.7930, 0.2023,
0.1066

■ 11.5617, 0.1879,
0.0877

■ 9.6205, 0.1761,
0.0756

■ 9.1306, 0.1725,
0.0724

Harmonies

Analogous

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



71.1394, 0.2733, 0.2845



71.1394, 0.2951, 0.2856



71.1394, 0.3226, 0.2971

Triad

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



71.1394, 0.2951, 0.2856



71.1394, 0.3660, 0.3605



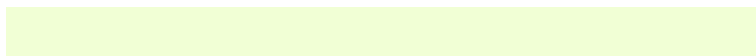
71.1394, 0.2776, 0.3411

Complementary

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



71.1394, 0.2951, 0.2856



95.0204, 0.3284, 0.3712

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.



71.1394, 0.3013, 0.3644



71.1394, 0.2951, 0.2856



71.1394, 0.3526, 0.3749

Square

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



71.1394, 0.2951, 0.2856



71.1394, 0.3645, 0.3391



71.1394, 0.3287, 0.3769



71.1394, 0.2635, 0.3153

Rectangle

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



71.1394, 0.2951, 0.2856



71.1394, 0.3405, 0.3092



71.1394, 0.3287, 0.3769



71.1394, 0.2847, 0.3496

Sweetspot

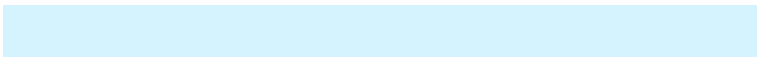
The Sweet Spot groups the original color and five complimentary colors.



71.1424, 0.2951, 0.2856



90.5529, 0.3078, 0.3166



84.6893, 0.2871, 0.3152



19.1082, 0.3071, 0.3148



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.



71.1424, 0.2951, 0.2856



65.7653, 0.2907, 0.2753



74.6465, 0.3092, 0.2874



17.6704, 0.3031, 0.3048



4.8442, 0.1741, 0.0733



0.5284, 0.1862, 0.0799

Inverse Universe

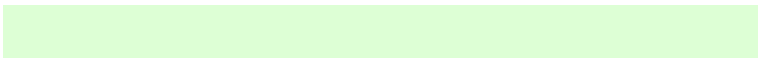
The Inverse Universe completely reimagines the original color for something new.



75.2118, 0.3241, 0.3013



70.6235, 0.3270, 0.2951



91.6372, 0.3154, 0.3730



18.1919, 0.3189, 0.3132



12.6621, 0.4271, 0.2126



1.2531, 0.4118, 0.2042

Previews

White Background



This preview shows how the Yxy color 71.1394, 0.2951, 0.2856 looks on a white background.

Color Contrast Check

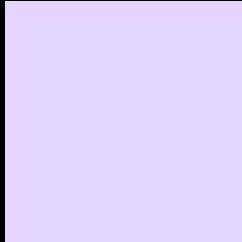
Large Text (above 18pt) WCAG AA × Fail

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 71.1394, 0.2951, 0.2856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

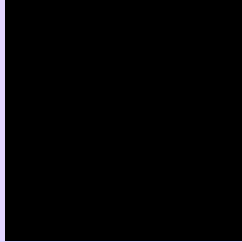
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1394, 0.2951, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 71.1394, 0.2951, 0.2856.

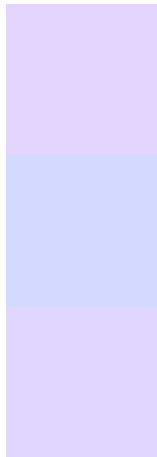


This preview shows how white text looks on a background with the Yxy color 71.1394, 0.2951, 0.2856.

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

71.1394, 0.2951, 0.2856

Protanopia

71.3599, 0.2853, 0.2897

Deuteranopia

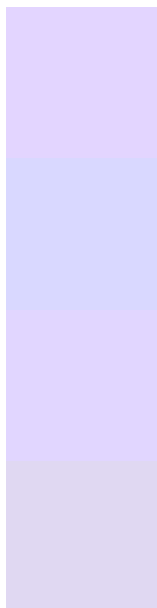
71.1604, 0.2931, 0.2864



Tritanopia

71.2542, 0.3058, 0.3108

Trichromacy



Original Color

71.1394, 0.2951, 0.2856

Protanomaly

71.0834, 0.2885, 0.2879

Deuteranomaly

71.3207, 0.2938, 0.2864

Tritanomaly

71.3698, 0.3013, 0.3015

Monochromacy



Original Color

71.1394, 0.2951, 0.2856

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.4508, 0.3064, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1394, 0.2951, 0.2856 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(227, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 213, 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(227, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 213, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.1394, 0.2951, 0.2856 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(227, 213, 255) }
```

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

```
.border{ border-color:rgb(227, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 213,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1394, 0.2951, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 213, 255) }
```

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

```
.background{ background-color: rgb(227,  
213, 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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