

Converting Colors

Yxy(71.8434, 0.2895, 0.2892)

Have a look what the booklet for
Yxy(71.8434, 0.2895, 0.2892)
contains.

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Color

Yxy(71.7511, 0.2892, 0.2891)

Conversions

Conversions Part 1

Format	Color
Hex	DAD9FF
RGB	218, 217, 255
RGB Percent	85%, 85%, 100%
CMY	0.1451, 0.1490, 0.0001
CMYK	0.15, 0.15, 0.00, 0.00
HSL	242°, 100%, 93%
HSV	242°, 15%, 100%
XYZ	71.7759, 71.7511, 104.6608
YIQ	221.6310, -11.6020, 12.0300

Conversions

Conversions Part 2

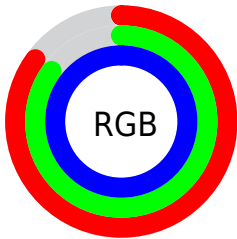
Format	Color
R _Y B	218, 217, 255
Decimal	14342655
CIE Lab	87.85, 7.70, -18.33
CIE LCh	88, 19.881, 292.776
Yxy	71.7511, 0.2892, 0.2891
Android (android.graphics.Color)	4292532735 (0xFFDAD9FF)
YUV	221.6310, 16.4509, -3.1844
Hunter-Lab	84.7060, 3.0170, -13.9631

Details

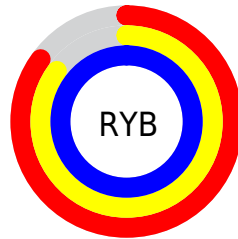
The Yxy color **71.7511, 0.2892, 0.2891** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **97.5879, 0.3345, 0.3662**, and the grayscale version is **72.6634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7044, 0.2839, 0.2801** is the 20% darker color. If you saturate the color by 10%, you get **56.0637, 0.2708, 0.2581**, and if you desaturate by 10%, it is **90.0483, 0.3055, 0.3167**.

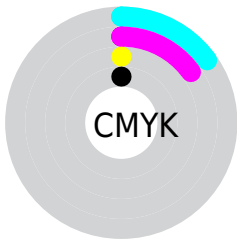
Distribution



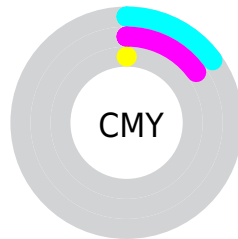
- Red (85%)
- Green (85%)
- Blue (100%)



- Red (85%)
- Yellow (85%)
- Blue (100%)



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



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7511, 0.2892, 0.2891 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 71.7511, 0.2892, 0.2891 by changing the saturation by 10% instead.

■ 71.7511, 0.2892,
0.2891

■ 71.7511, 0.2892,
0.2891

466.6748, 0.3001,
0.3072

■ 52.9554, 0.2867,
0.2850

121.7026, 0.2930,
0.2953

■ 37.7672, 0.2836,
0.2801

153.6272, 0.2945,
0.2978

■ 25.8020, 0.2797,
0.2739

190.6968, 0.2958,
0.2999

■ 16.6756, 0.2745,
0.2659

233.2959, 0.2969,
0.3017

■ 10.0035, 0.2676,
0.2553

281.8088, 0.2978,
0.3033

■ 5.4013, 0.2576,
0.2404

336.6200, 0.2987,

■ 2.4846, 0.2421,

0.3048

0.2183

398.1139, 0.2995,
0.3061

0.8689, 0.2157,
0.1828

0.0000, 0.0000,
0.0000

71.7511, 0.2892,
0.2891

71.7511, 0.2892,
0.2891

56.0637, 0.2708,
0.2581

90.0483, 0.3055,
0.3167

42.8589, 0.2507,
0.2243

99.9991, 0.3127,
0.3290

32.0122, 0.2294,
0.1887

23.3847, 0.2081,
0.1533

■ 16.8233, 0.1882,
0.1206

■ 12.1551, 0.1715,
0.0933

■ 9.1793, 0.1593,
0.0738

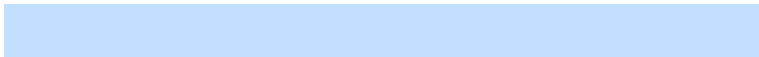
■ 7.6501, 0.1524,
0.0631

■ 7.2626, 0.1506,
0.0603

Harmonies

Analogous

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



71.7511, 0.2729, 0.2920



71.7511, 0.2892, 0.2891



71.7511, 0.3123, 0.2960

Triad

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



71.7511, 0.2892, 0.2891



71.7511, 0.3606, 0.3504



71.7511, 0.2889, 0.3479

Complementary

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



71.7511, 0.2892, 0.2891



97.5879, 0.3345, 0.3662

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.



71.7511, 0.3117, 0.3654



71.7511, 0.2892, 0.2891



71.7511, 0.3535, 0.3658

Square

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



71.7511, 0.2892, 0.2891



71.7511, 0.3542, 0.3304



71.7511, 0.3355, 0.3718



71.7511, 0.2728, 0.3253

Rectangle

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



71.7511, 0.2892, 0.2891



71.7511, 0.3286, 0.3052



71.7511, 0.3355, 0.3718



71.7511, 0.2960, 0.3547

Sweetspot

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



71.7541, 0.2892, 0.2891



91.8289, 0.3069, 0.3190



93.0791, 0.2900, 0.3283



19.3367, 0.3057, 0.3171



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.



71.7541, 0.2892, 0.2891



66.6179, 0.2837, 0.2798



74.7877, 0.3017, 0.2906



17.4007, 0.2983, 0.3044



3.8053, 0.1508, 0.0604



0.3782, 0.1526, 0.0615

Inverse Universe

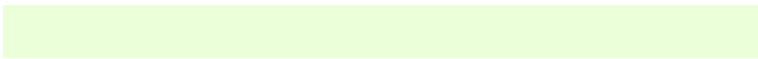
The Inverse Universe completely reimagines the original color for something new.



78.0398, 0.3151, 0.2930



74.0520, 0.3156, 0.2853



94.2447, 0.3224, 0.3676



18.2916, 0.3142, 0.3062



14.6620, 0.3276, 0.1579



1.4301, 0.3268, 0.1574

Previews

White Background



This preview shows how the Yxy color 71.7511, 0.2892, 0.2891 looks on a white background.

Color Contrast Check

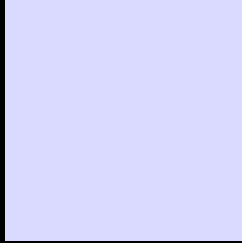
Large Text (above 18pt) WCAG AA × Fail

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 71.7511, 0.2892, 0.2891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

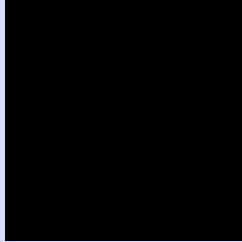
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.7511, 0.2892, 0.2891

Background



This preview shows how black text looks on a background with the Yxy color 71.7511, 0.2892, 0.2891.



This preview shows how white text looks on a background with the Yxy color 71.7511, 0.2892, 0.2891.

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

71.7511, 0.2892, 0.2891

Protanopia

71.5089, 0.2860, 0.2898

Deuteranopia

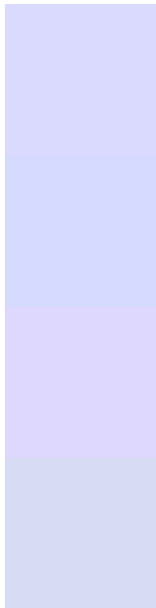
71.8284, 0.2938, 0.2875



Tritanopia

71.7479, 0.2983, 0.3106

Trichromacy



Original Color

71.7511, 0.2892, 0.2891

Protanomaly

71.8099, 0.2873, 0.2899

Deuteranomaly

71.8613, 0.2918, 0.2883

Tritanomaly

71.7936, 0.2946, 0.3023

Monochromacy



Original Color

71.7511, 0.2892, 0.2891

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.4991, 0.3043, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7511, 0.2892, 0.2891 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(218, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 217, 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(218, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 217, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.7511, 0.2892, 0.2891 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(218, 217, 255) }
```

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

```
.border{ border-color:rgb(218, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 217,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7511, 0.2892, 0.2891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 217, 255) }
```

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

```
.background{ background-color: rgb(218,  
217, 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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