

Converting Colors

$Yxy(82.0550, 0.2299, 0.1942)$

Have a look what the booklet for
Yxy(82.0550, 0.2299, 0.1942)
contains.

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Color

Yxy(71.6589, 0.2866, 0.2899)

Conversions

Conversions Part 1

Format	Color
Hex	D6DAFF
RGB	214, 218, 255
RGB Percent	84%, 85%, 100%
CMY	0.1609, 0.1450, 0.0001
CMYK	0.16, 0.14, 0.00, 0.00
HSL	234°, 100%, 92%
HSV	234°, 16%, 100%
XYZ	70.8432, 71.6589, 104.6828
YIQ	221.0220, -14.2610, 10.6590

Conversions

Conversions Part 2

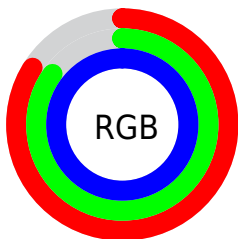
Format	Color
R _{YB}	214, 218, 255
Decimal	14080767
CIE Lab	87.80, 5.91, -18.42
CIE LCh	88, 19.346, 287.780
Yxy	71.6589, 0.2866, 0.2899
Android (android.graphics.Color)	4292270847 (0xFFD6DAFF)
YUV	221.0220, 16.7512, -6.1583
Hunter-Lab	84.6516, 1.2428, -14.0638

Details

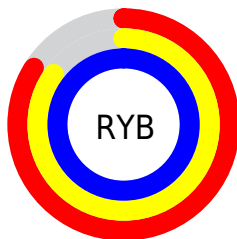
The Yxy color **71.6589, 0.2866, 0.2899** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.0604, 0.3376, 0.3653**, and the grayscale version is **72.2088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6425, 0.2806, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **57.0154, 0.2681, 0.2616**, and if you desaturate by 10%, it is **88.5616, 0.3034, 0.3152**.

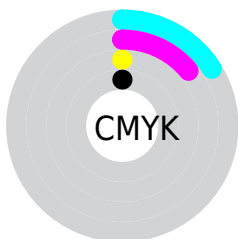
Distribution



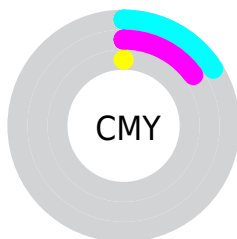
- Red (84%)
- Green (85%)
- Blue (100%)



- Red (84%)
- Yellow (85%)
- Blue (100%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6589, 0.2866, 0.2899 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 71.6589, 0.2866, 0.2899 by changing the saturation by 10% instead.

■ 71.6589, 0.2866,
0.2899

■ 71.6589, 0.2866,
0.2899

466.3535, 0.2987,
0.3077

■ 52.8801, 0.2838,
0.2859

121.5715, 0.2908,
0.2960

■ 37.7070, 0.2804,
0.2810

153.4740, 0.2924,
0.2984

■ 25.7554, 0.2761,
0.2749

190.5199, 0.2938,
0.3005

■ 16.6407, 0.2705,
0.2670

233.0935, 0.2951,
0.3023

■ 9.9787, 0.2628,
0.2564

281.5793, 0.2962,
0.3039

■ 5.3848, 0.2519,
0.2416

336.3616, 0.2971,

■ 2.4748, 0.2352,

0.3053

0.2196

397.8249, 0.2980,
0.3066

0.8640, 0.2068,
0.1839

0.0000, 0.0000,
0.0000

71.6589, 0.2866,
0.2899

71.6589, 0.2866,
0.2899

57.0154, 0.2681,
0.2616

88.5616, 0.3034,
0.3152

44.5267, 0.2481,
0.2306

99.9984, 0.3127,
0.3290

34.0935, 0.2274,
0.1978

25.6051, 0.2069,
0.1645

■ 18.9404, 0.1879,
0.1329

■ 13.9646, 0.1719,
0.1051

■ 10.5239, 0.1601,
0.0833

■ 8.4355, 0.1532,
0.0689

■ 7.9197, 0.1515,
0.0652

Harmonies

Analogous

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



71.6589, 0.2722, 0.2944



71.6589, 0.2866, 0.2899



71.6589, 0.3083, 0.2951

Triad

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



71.6589, 0.2866, 0.2899



71.6589, 0.3592, 0.3468



71.6589, 0.2929, 0.3508

Complementary

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



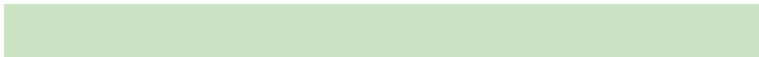
71.6589, 0.2866, 0.2899



95.0604, 0.3376, 0.3653

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.



71.6589, 0.3157, 0.3662



71.6589, 0.2866, 0.2899



71.6589, 0.3545, 0.3629

Square

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



71.6589, 0.2866, 0.2899



71.6589, 0.3509, 0.3271



71.6589, 0.3383, 0.3705



71.6589, 0.2758, 0.3292

Rectangle

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



71.6589, 0.2866, 0.2899



71.6589, 0.3243, 0.3033



71.6589, 0.3383, 0.3705



71.6589, 0.3001, 0.3569

Sweetspot

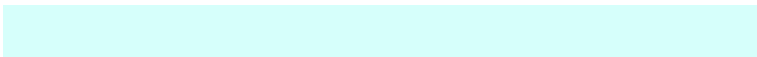
The Sweet Spot groups the original color and five complimentary colors.



71.6619, 0.2866, 0.2899



90.5467, 0.3051, 0.3177



92.7530, 0.2904, 0.3331



19.1065, 0.3040, 0.3161



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.



71.6619, 0.2866, 0.2899



67.1721, 0.2814, 0.2819



72.1830, 0.2975, 0.2869



17.6657, 0.2979, 0.3069



4.2336, 0.1518, 0.0665



0.5038, 0.1554, 0.0794

Inverse Universe

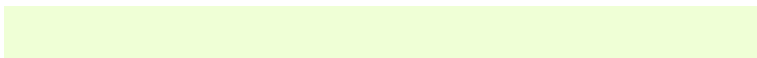
The Inverse Universe completely reimagines the original color for something new.



74.3977, 0.3404, 0.3250



70.3875, 0.3466, 0.3242



94.6341, 0.3262, 0.3705



18.0162, 0.3279, 0.3267



11.1553, 0.6290, 0.3239



1.0954, 0.6080, 0.3123

Previews

White Background



This preview shows how the Yxy color 71.6589, 0.2866, 0.2899 looks on a white background.

Color Contrast Check

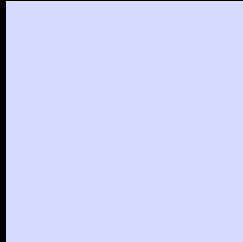
Large Text (above 18pt) WCAG AA × Fail

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 71.6589, 0.2866, 0.2899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

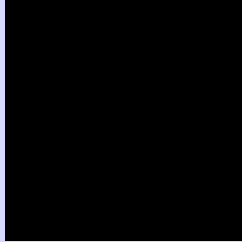
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.6589, 0.2866, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 71.6589, 0.2866, 0.2899.

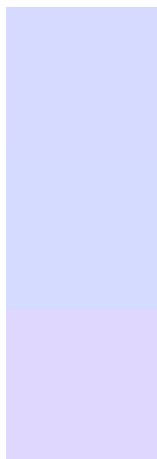


This preview shows how white text looks on a background with the Yxy color 71.6589, 0.2866, 0.2899.

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

71.6589, 0.2866, 0.2899

Protanopia

71.5089, 0.2860, 0.2898

Deuteranopia

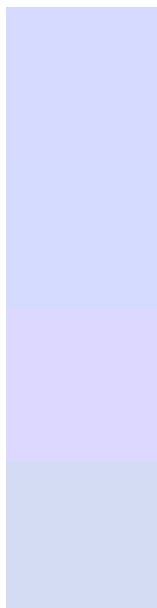
71.6682, 0.2931, 0.2874



Tritanopia

71.7348, 0.2950, 0.3105

Trichromacy



Original Color

71.6589, 0.2866, 0.2899

Protanomaly

71.5089, 0.2860, 0.2898

Deuteranomaly

71.5474, 0.2905, 0.2882

Tritanomaly

71.7151, 0.2920, 0.3031

Monochromacy



Original Color

71.6589, 0.2866, 0.2899

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.9750, 0.3029, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6589, 0.2866, 0.2899 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(214, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 218, 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(214, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 218, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.6589, 0.2866, 0.2899 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(214, 218, 255) }
```

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

```
.border{ border-color:rgb(214, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 218,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6589, 0.2866, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 218, 255) }
```

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

```
.background{ background-color: rgb(214,  
218, 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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