

Converting Colors

$Yxy(71.3792, 0.2867, 0.2892)$

Have a look what the booklet for
Yxy(71.3792, 0.2867, 0.2892)
contains.

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Color

Yxy(71.1418, 0.2866, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	D6D9FF
RGB	214, 217, 255
RGB Percent	84%, 85%, 100%
CMY	0.1606, 0.1490, 0.0001
CMYK	0.16, 0.15, 0.00, 0.00
HSL	236°, 100%, 92%
HSV	236°, 16%, 100%
XYZ	70.5999, 71.1418, 104.5942
YIQ	220.4350, -13.9860, 11.1820

Conversions

Conversions Part 2

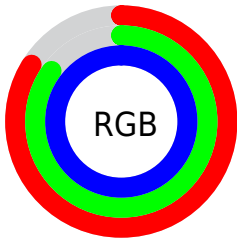
Format	Color
R _Y B	214, 217, 255
Decimal	14080511
CIE Lab	87.55, 6.47, -18.80
CIE LCh	88, 19.879, 288.984
Yxy	71.1418, 0.2866, 0.2888
Android (android.graphics.Color)	4292270591 (0xFFD6D9FF)
YUV	220.4350, 17.0405, -5.6435
Hunter-Lab	84.3456, 1.8052, -14.4817

Details

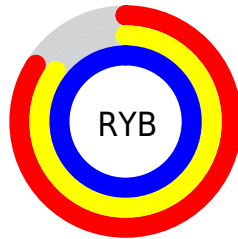
The Yxy color **71.1418, 0.2866, 0.2888** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.7465, 0.3374, 0.3663**, and the grayscale version is **71.7809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2888, 0.2805, 0.2796** is the 20% darker color. If you saturate the color by 10%, you get **56.2684, 0.2679, 0.2596**, and if you desaturate by 10%, it is **88.3698, 0.3035, 0.3148**.

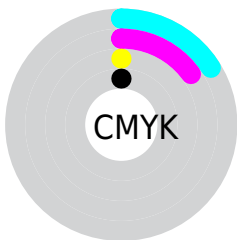
Distribution



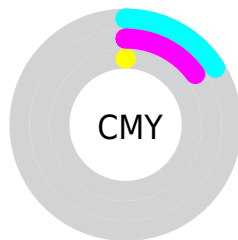
- Red (84%)
- Green (85%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1418, 0.2866, 0.2888 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 71.1418, 0.2866, 0.2888 by changing the saturation by 10% instead.

71.1418, 0.2866,
0.2888

71.1418, 0.2866,
0.2888

464.5490, 0.2987,
0.3071

52.4579, 0.2838,
0.2847

120.8356, 0.2908,
0.2951

37.3702, 0.2804,
0.2797

152.6143, 0.2925,
0.2976

25.4943, 0.2760,
0.2734

189.5268, 0.2939,
0.2997

16.4457, 0.2704,
0.2652

231.9574, 0.2951,
0.3015

9.8401, 0.2627,
0.2544

280.2905, 0.2962,
0.3032

5.2930, 0.2517,
0.2392

334.9106, 0.2971,

2.4202, 0.2348,

0.3046

0.2166

396.2019, 0.2980,
0.3059

0.8363, 0.2061,
0.1799

0.0000, 0.0000,
0.0000

71.1418, 0.2866,
0.2888

71.1418, 0.2866,
0.2888

56.2684, 0.2679,
0.2596

88.3698, 0.3035,
0.3148

43.6391, 0.2478,
0.2277

99.9982, 0.3127,
0.3290

33.1473, 0.2268,
0.1940

24.6745, 0.2060,
0.1601

■ 18.0906, 0.1868,
0.1282

■ 13.2503, 0.1708,
0.1006

■ 9.9869, 0.1592,
0.0796

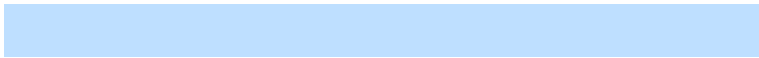
■ 8.1007, 0.1525,
0.0665

■ 7.6634, 0.1509,
0.0633

Harmonies

Analogous

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



71.1418, 0.2715, 0.2930



71.1418, 0.2866, 0.2888



71.1418, 0.3092, 0.2946

Triad

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



71.1418, 0.2866, 0.2888



71.1418, 0.3607, 0.3481



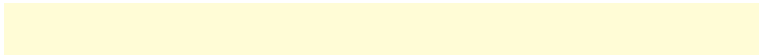
71.1418, 0.2914, 0.3506

Complementary

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



71.1418, 0.2866, 0.2888



95.7465, 0.3374, 0.3663

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.



71.1418, 0.3148, 0.3670



71.1418, 0.2866, 0.2888



71.1418, 0.3553, 0.3644

Square

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



71.1418, 0.2866, 0.2888



71.1418, 0.3526, 0.3278



71.1418, 0.3382, 0.3718



71.1418, 0.2742, 0.3282

Rectangle

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



71.1418, 0.2866, 0.2888



71.1418, 0.3256, 0.3032



71.1418, 0.3382, 0.3718



71.1418, 0.2988, 0.3571

Sweetspot

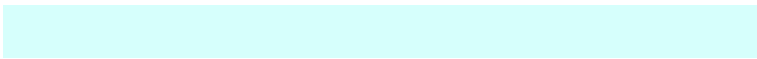
The Sweet Spot groups the original color and five complimentary colors.



71.1447, 0.2866, 0.2888



90.3441, 0.3051, 0.3174



92.8059, 0.2901, 0.3324



19.0575, 0.3040, 0.3157



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.



71.1447, 0.2866, 0.2888



66.5353, 0.2813, 0.2805



72.3393, 0.2980, 0.2870



17.5880, 0.2978, 0.3062



4.0811, 0.1512, 0.0644



0.4671, 0.1540, 0.0743

Inverse Universe

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



74.3802, 0.3411, 0.3261



70.3232, 0.3476, 0.3255



94.5230, 0.3258, 0.3704



18.0083, 0.3283, 0.3273



11.1399, 0.6326, 0.3259



1.0917, 0.6162, 0.3168

Previews

White Background



This preview shows how the Yxy color 71.1418, 0.2866, 0.2888 looks on a white background.

Color Contrast Check

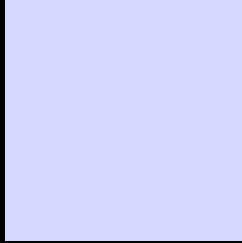
Large Text (above 18pt) WCAG AA × Fail

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 71.1418, 0.2866, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

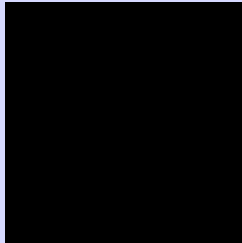
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1418, 0.2866, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 71.1418, 0.2866, 0.2888.

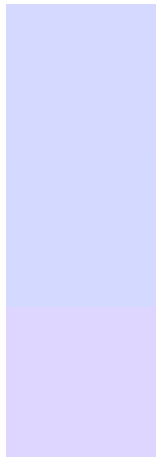


This preview shows how white text looks on a background with the Yxy color 71.1418, 0.2866, 0.2888.

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

71.1418, 0.2866, 0.2888

Protanopia

71.3599, 0.2853, 0.2897

Deuteranopia

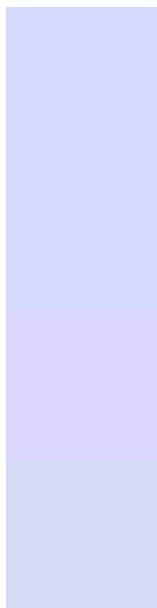
71.0011, 0.2924, 0.2863



Tritanopia

71.1497, 0.2956, 0.3105

Trichromacy



Original Color

71.1418, 0.2866, 0.2888

Protanomaly

71.5089, 0.2860, 0.2898

Deuteranomaly

71.0365, 0.2904, 0.2871

Tritanomaly

71.1917, 0.2919, 0.3020

Monochromacy



Original Color

71.1418, 0.2866, 0.2888

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.4517, 0.3029, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1418, 0.2866, 0.2888 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, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.1418, 0.2866, 0.2888 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, 217, 255) }
```

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

```
.border{ border-color:rgb(214, 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(214, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 217,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1418, 0.2866, 0.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 217, 255) }
```

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

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