

Converting Colors

$Yxy(69.9748, 0.2866, 0.2863)$

Have a look what the booklet for
Yxy(69.9748, 0.2866, 0.2863)
contains.

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Color

Yxy(70.1170, 0.2865, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	D6D7FF
RGB	214, 215, 255
RGB Percent	84%, 84%, 100%
CMY	0.1606, 0.1569, 0.0000
CMYK	0.16, 0.16, 0.00, 0.00
HSL	239°, 100%, 92%
HSV	239°, 16%, 100%
XYZ	70.0925, 70.1170, 104.4415
YIQ	219.2610, -13.4360, 12.2280

Conversions

Conversions Part 2

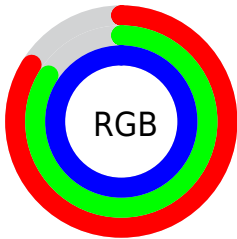
Format	Color
R _Y B	214, 215, 255
Decimal	14079999
CIE Lab	87.05, 7.53, -19.56
CIE LCh	87, 20.963, 291.060
Yxy	70.1170, 0.2865, 0.2866
Android (android.graphics.Color)	4292270079 (0xFFD6D7FF)
YUV	219.2610, 17.6193, -4.6139
Hunter-Lab	83.7359, 2.8786, -15.3357

Details

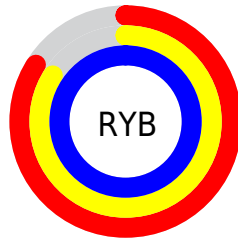
The Yxy color **70.1170, 0.2865, 0.2866** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **97.0383, 0.3371, 0.3681**, and the grayscale version is **70.9179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5898, 0.2804, 0.2768** is the 20% darker color. If you saturate the color by 10%, you get **54.8402, 0.2676, 0.2558**, and if you desaturate by 10%, it is **87.9327, 0.3035, 0.3140**.

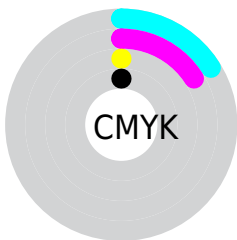
Distribution



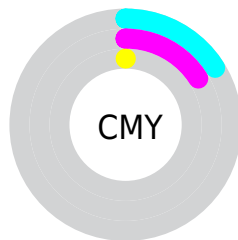
- Red (84%)
- Green (84%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.1170, 0.2865, 0.2866 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 70.1170, 0.2865, 0.2866 by changing the saturation by 10% instead.

■ 70.1170, 0.2865,
0.2866

■ 70.1170, 0.2865,
0.2866

460.9607, 0.2987,
0.3059

■ 51.6219, 0.2837,
0.2823

119.3756, 0.2908,
0.2932

■ 36.7038, 0.2802,
0.2770

150.9079, 0.2924,
0.2958

■ 24.9782, 0.2758,
0.2703

187.5547, 0.2938,
0.2981

■ 16.0608, 0.2700,
0.2617

229.7005, 0.2951,
0.3000

■ 9.5672, 0.2622,
0.2503

277.7296, 0.2962,
0.3018

■ 5.1130, 0.2510,
0.2343

332.0264, 0.2971,

■ 2.3137, 0.2336,

0.3033

0.2106

392.9753, 0.2980,
0.3047

■ 0.7809, 0.2042,
0.1716

■ 0.0000, 0.0000,
0.0000

■ 70.1170, 0.2865,
0.2866

■ 70.1170, 0.2865,
0.2866

■ 54.8402, 0.2676,
0.2558

■ 87.9327, 0.3035,
0.3140

■ 41.9785, 0.2470,
0.2223

99.9996, 0.3127,
0.3290

■ 31.4111, 0.2255,
0.1870

■ 23.0030, 0.2042,
0.1520

■ 16.6053, 0.1848,
0.1197

■ 12.0503, 0.1688,
0.0929

■ 9.1431, 0.1576,
0.0737

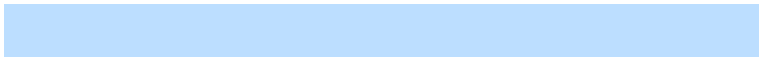
■ 7.6449, 0.1516,
0.0631

■ 7.3460, 0.1503,
0.0610

Harmonies

Analogous

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



70.1170, 0.2698, 0.2902



70.1170, 0.2865, 0.2866



70.1170, 0.3107, 0.2934

Triad

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



70.1170, 0.2865, 0.2866



70.1170, 0.3636, 0.3505



70.1170, 0.2886, 0.3504

Complementary

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



70.1170, 0.2865, 0.2866



97.0383, 0.3371, 0.3681

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.



70.1170, 0.3131, 0.3685



70.1170, 0.2865, 0.2866



70.1170, 0.3569, 0.3673

Square

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



70.1170, 0.2865, 0.2866



70.1170, 0.3561, 0.3292



70.1170, 0.3381, 0.3745



70.1170, 0.2710, 0.3264

Rectangle

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



70.1170, 0.2865, 0.2866



70.1170, 0.3281, 0.3028



70.1170, 0.3381, 0.3745



70.1170, 0.2963, 0.3575

Sweetspot

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



70.1199, 0.2865, 0.2866



89.9684, 0.3051, 0.3167



92.9529, 0.2890, 0.3303



18.9666, 0.3040, 0.3150



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.



70.1199, 0.2865, 0.2866



65.3650, 0.2811, 0.2779



72.6914, 0.2994, 0.2872



17.4441, 0.2978, 0.3050



3.8674, 0.1504, 0.0614



0.3989, 0.1513, 0.0646

Inverse Universe

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



74.2859, 0.3426, 0.3281



70.2051, 0.3494, 0.3280



94.1882, 0.3245, 0.3706



17.9938, 0.3291, 0.3285



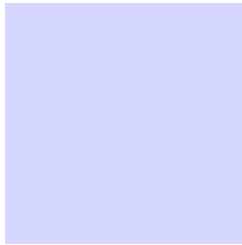
11.1184, 0.6378, 0.3287



1.0848, 0.6323, 0.3257

Previews

White Background



This preview shows how the Yxy color 70.1170, 0.2865, 0.2866 looks on a white background.

Color Contrast Check

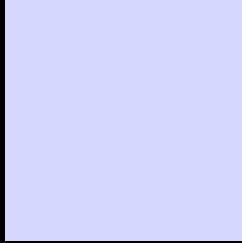
Large Text (above 18pt) WCAG AA × Fail

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 70.1170, 0.2865, 0.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

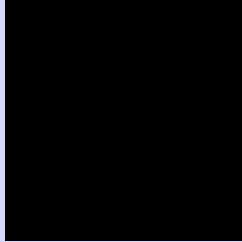
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.1170, 0.2865, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 70.1170, 0.2865, 0.2866.



This preview shows how white text looks on a background with the Yxy color 70.1170, 0.2865, 0.2866.

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

70.1170, 0.2865, 0.2866

Protanopia

70.0334, 0.2839, 0.2874

Deuteranopia

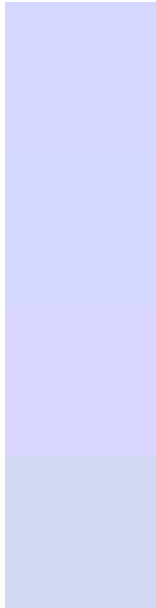
70.1807, 0.2911, 0.2850



Tritanopia

70.0478, 0.2962, 0.3093

Trichromacy



Original Color

70.1170, 0.2865, 0.2866

Protanomaly

70.1806, 0.2845, 0.2875

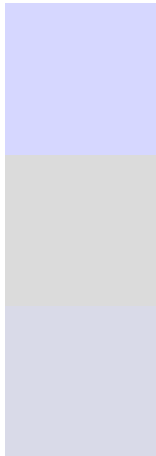
Deuteranomaly

70.2186, 0.2891, 0.2859

Tritanomaly

70.0938, 0.2925, 0.3009

Monochromacy



Original Color

70.1170, 0.2865, 0.2866

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.7207, 0.3028, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1170, 0.2865, 0.2866 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, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 215, 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, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 215, 255) }
```

Border

The CSS property to change the border of an element to Yxy 70.1170, 0.2865, 0.2866 is called "border". The border property can be set on classes, ids or directly on the HTML element.

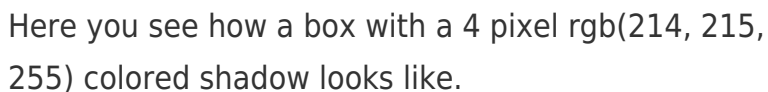
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 215, 255) }
```

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

```
.border{ border-color:rgb(214, 215, 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, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 215,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1170, 0.2865, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 215, 255) }
```

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

```
.background{ background-color: rgb(214,  
215, 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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