

Converting Colors

$Yxy(71.1213, 0.2788, 0.2918)$

Have a look what the booklet for
Yxy(71.1213, 0.2788, 0.2918)
contains.

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Color

Yxy(70.8239, 0.2784, 0.2911)

Conversions

Conversions Part 1

Format	Color
Hex	C9DCFF
RGB	201, 220, 255
RGB Percent	79%, 86%, 100%
CMY	0.2118, 0.1372, 0.0000
CMYK	0.21, 0.14, 0.00, 0.00
HSL	219°, 100%, 89%
HSV	219°, 21%, 100%
XYZ	67.7340, 70.8239, 104.7396
YIQ	218.3090, -22.5590, 6.8570

Conversions

Conversions Part 2

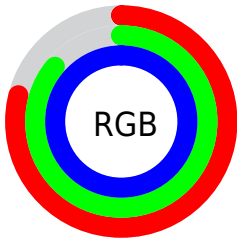
Format	Color
R_{YB}	201, 215, 255
Decimal	13229311
CIE _{Lab}	87.40, 0.92, -19.16
CIE _{LCh}	87, 19.178, 272.752
Yxy	70.8239, 0.2784, 0.2911
Android (android.graphics.Color)	4291419391 (0xFFC9DCFF)
YUV	218.3090, 18.0887, -15.1800
Hunter-Lab	84.1569, -3.6083, -14.8810

Details

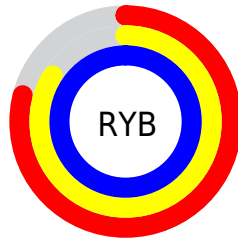
The Yxy color `70.8239, 0.2784, 0.2911` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `85.4644, 0.3485, 0.3642`, and the grayscale version is `70.2189, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `37.0985, 0.2704, 0.2825` is the 20% darker color. If you saturate the color by 10%, you get `59.3286, 0.2609, 0.2701`, and if you desaturate by 10%, it is `83.7642, 0.2952, 0.3102`.

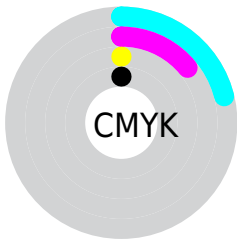
Distribution



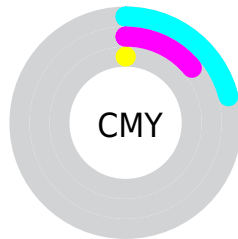
- Red (79%)
- Green (86%)
- Blue (100%)



- Red (79%)
- Yellow (84%)
- Blue (100%)



- Cyan (21%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.8239, 0.2784, 0.2911 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 70.8239, 0.2784, 0.2911 by changing the saturation by 10% instead.

■ 70.8239, 0.2784,
0.2911

■ 70.8239, 0.2784,
0.2911

463.4376, 0.2942,
0.3085

■ 52.1985, 0.2748,
0.2872

120.3829, 0.2839,
0.2971

■ 37.1633, 0.2704,
0.2823

152.0854, 0.2860,
0.2995

■ 25.3340, 0.2648,
0.2762

188.9156, 0.2878,
0.3015

■ 16.3260, 0.2576,
0.2683

231.2580, 0.2895,
0.3033

■ 9.7552, 0.2478,
0.2576

279.4971, 0.2909,
0.3048

■ 5.2369, 0.2340,
0.2426

334.0171, 0.2921,

■ 2.3869, 0.2131,

0.3062

0.2200

395.2024, 0.2932,
0.3074

0.8192, 0.1785,
0.1826

0.0000, 0.0000,
0.0000

70.8239, 0.2784,
0.2911

70.8239, 0.2784,
0.2911

59.3286, 0.2609,
0.2701

83.7642, 0.2952,
0.3102

49.2233, 0.2429,
0.2471

98.1988, 0.3109,
0.3271

40.4511, 0.2252,
0.2227

100.0000, 0.3127,
0.3290

32.9503, 0.2082,
0.1975

■ 26.6536, 0.1929,
0.1723

■ 21.4860, 0.1800,
0.1482

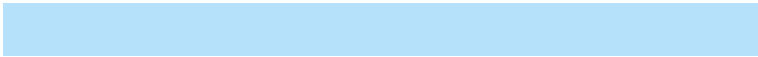
■ 17.3618, 0.1700,
0.1263

■ 14.4890, 0.1637,
0.1094

Harmonies

Analogous

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



70.8239, 0.2691, 0.3005



70.8239, 0.2784, 0.2911



70.8239, 0.2969, 0.2915

Triad

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



70.8239, 0.2784, 0.2911



70.8239, 0.3564, 0.3370



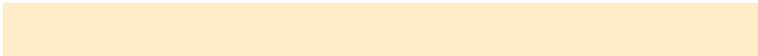
70.8239, 0.3040, 0.3596

Complementary

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



70.8239, 0.2784, 0.2911



85.4644, 0.3485, 0.3642

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.



70.8239, 0.3274, 0.3697



70.8239, 0.2784, 0.2911



70.8239, 0.3582, 0.3555

Square

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



70.8239, 0.2784, 0.2911



70.8239, 0.3423, 0.3174



70.8239, 0.3474, 0.3678



70.8239, 0.2835, 0.3403

Rectangle

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



70.8239, 0.2784, 0.2911



70.8239, 0.3123, 0.2970



70.8239, 0.3474, 0.3678



70.8239, 0.3118, 0.3642

Sweetspot

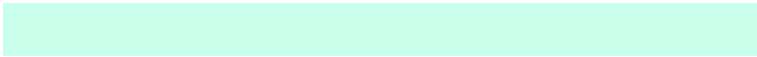
The Sweet Spot groups the original color and five complimentary colors.



70.8243, 0.2784, 0.2911



91.0488, 0.3035, 0.3192



89.9466, 0.2913, 0.3500



19.2867, 0.3024, 0.3181



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.



70.8243, 0.2784, 0.2911



66.2630, 0.2718, 0.2833



62.4298, 0.2818, 0.2707



18.4235, 0.2979, 0.3132



7.8235, 0.1646, 0.1124



0.9579, 0.1708, 0.1348

Inverse Universe

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



68.1988, 0.3409, 0.3098



63.4697, 0.3473, 0.3061



95.6567, 0.3400, 0.3829



18.0927, 0.3239, 0.3207



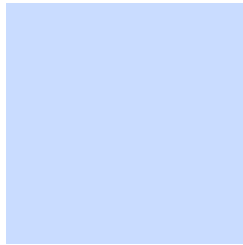
11.5178, 0.5576, 0.2845



1.1412, 0.5261, 0.2672

Previews

White Background



This preview shows how the Yxy color 70.8239, 0.2784, 0.2911 looks on a white background.

Color Contrast Check

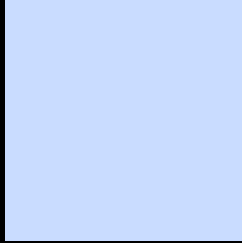
Large Text (above 18pt) WCAG AA × Fail

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 70.8239, 0.2784, 0.2911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

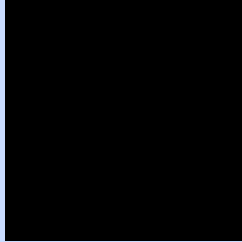
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

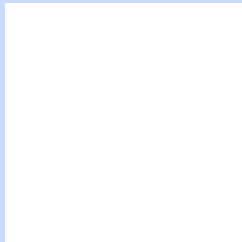
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.8239, 0.2784, 0.2911

Background



This preview shows how black text looks on a background with the Yxy color 70.8239, 0.2784, 0.2911.



This preview shows how white text looks on a background with the Yxy color 70.8239, 0.2784, 0.2911.

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

70.8239, 0.2784, 0.2911

Protanopia

70.7146, 0.2864, 0.2906

Deuteranopia

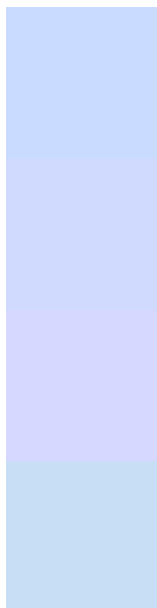
70.8427, 0.2918, 0.2862



Tritanopia

71.0724, 0.2854, 0.3101

Trichromacy



Original Color

70.8239, 0.2784, 0.2911

Protanomaly

70.7085, 0.2833, 0.2904

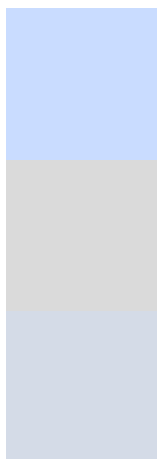
Deuteranomaly

70.6279, 0.2865, 0.2877

Tritanomaly

70.9772, 0.2830, 0.3037

Monochromacy



Original Color

70.8239, 0.2784, 0.2911

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.4296, 0.3000, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8239, 0.2784, 0.2911 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(201, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 220, 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(201, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 220, 255) }
```

Border

The CSS property to change the border of an element to Yxy 70.8239, 0.2784, 0.2911 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(201, 220, 255) }
```

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

```
.border{ border-color:rgb(201, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 220,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 70.8239, 0.2784, 0.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 220, 255) }
```

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

```
.background{ background-color: rgb(201,  
220, 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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