

Converting Colors

$Yxy(71.9813, 0.2884, 0.2989)$

Have a look what the booklet for
Yxy(71.9813, 0.2884, 0.2989)
contains.

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Color

Yxy(71.8126, 0.2889, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	D3DCF8
RGB	211, 220, 248
RGB Percent	83%, 86%, 97%
CMY	0.1724, 0.1373, 0.0273
CMYK	0.15, 0.11, 0.00, 0.03
HSL	225°, 73%, 90%
HSV	225°, 15%, 97%
XYZ	69.4100, 71.8126, 99.0336
YIQ	220.5010, -14.3520, 6.8000

Conversions

Conversions Part 2

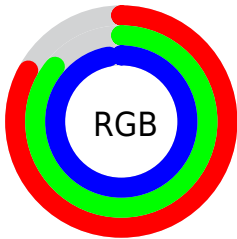
Format	Color
R _Y B	211, 218, 248
Decimal	13884664
CIE Lab	87.88, 2.51, -14.68
CIE LCh	88, 14.890, 279.704
Yxy	71.8126, 0.2889, 0.2989
Android (android.graphics.Color)	4292074744 (0xFFD3DCF8)
YUV	220.5010, 13.5570, -8.3324
Hunter-Lab	84.7423, -2.0947, -9.9693

Details

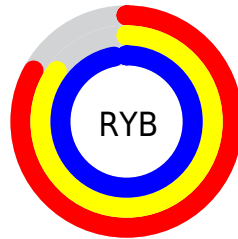
The Yxy color **71.8126, 0.2889, 0.2989** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.4393, 0.3364, 0.3574**, and the grayscale version is **71.8549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7840, 0.2828, 0.2913** is the 20% darker color. If you saturate the color by 10%, you get **59.1129, 0.2713, 0.2756**, and if you desaturate by 10%, it is **86.1926, 0.3052, 0.3197**.

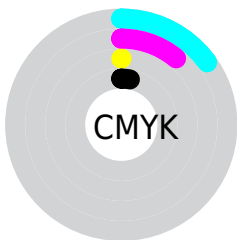
Distribution



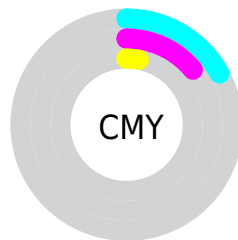
- Red (83%)
- Green (86%)
- Blue (97%)



- Red (83%)
- Yellow (85%)
- Blue (97%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8126, 0.2889, 0.2989 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 71.8126, 0.2889, 0.2989 by changing the saturation by 10% instead.

■ 71.8126, 0.2889,
0.2989

■ 71.8126, 0.2889,
0.2989

466.8891, 0.2999,
0.3127

■ 53.0056, 0.2864,
0.2958

121.7901, 0.2927,
0.3037

■ 37.8072, 0.2833,
0.2919

153.7293, 0.2942,
0.3055

■ 25.8331, 0.2794,
0.2871

190.8148, 0.2955,
0.3071

■ 16.6988, 0.2742,
0.2808

233.4308, 0.2966,
0.3085

■ 10.0200, 0.2673,
0.2723

281.9619, 0.2976,
0.3098

■ 5.4122, 0.2574,
0.2603

336.7924, 0.2985,

■ 2.4911, 0.2420,

0.3109

0.2419

398.3066, 0.2992,
0.3118

0.8722, 0.2156,
0.2110

0.0000, 0.0000,
0.0000

71.8126, 0.2889,
0.2989

71.8126, 0.2889,
0.2989

59.1129, 0.2713,
0.2756

86.1926, 0.3052,
0.3197

48.0221, 0.2527,
0.2500

99.5592, 0.3167,
0.3357

38.4770, 0.2336,
0.2224

30.4063, 0.2146,
0.1936

■ 23.7331, 0.1968,
0.1648

■ 18.3727, 0.1812,
0.1374

■ 14.2306, 0.1687,
0.1130

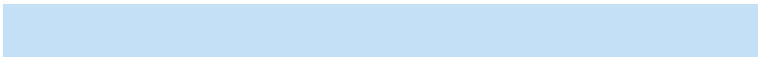
■ 11.1968, 0.1600,
0.0930

■ 10.0198, 0.1569,
0.0846

Harmonies

Analogous

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



71.8126, 0.2797, 0.3047



71.8126, 0.2889, 0.2989



71.8126, 0.3046, 0.3009

Triad

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



71.8126, 0.2889, 0.2989



71.8126, 0.3476, 0.3390



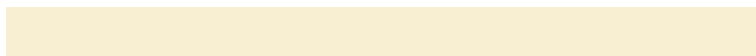
71.8126, 0.3020, 0.3495

Complementary

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



71.8126, 0.2889, 0.2989



86.4393, 0.3364, 0.3574

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.



71.8126, 0.3201, 0.3592



71.8126, 0.2889, 0.2989



71.8126, 0.3467, 0.3525

Square

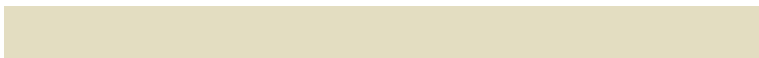
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8126, 0.2889, 0.2989



71.8126, 0.3388, 0.3235



71.8126, 0.3365, 0.3601



71.8126, 0.2871, 0.3339

Rectangle

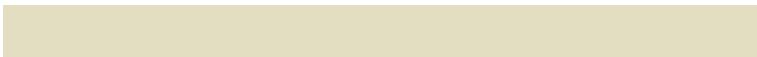
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8126, 0.2889, 0.2989



71.8126, 0.3168, 0.3061



71.8126, 0.3365, 0.3601



71.8126, 0.3079, 0.3536

Sweetspot

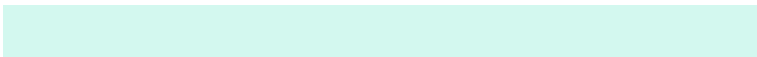
The Sweet Spot groups the original color and five complimentary colors.



71.8156, 0.2889, 0.2989



93.2839, 0.3066, 0.3215



87.2261, 0.2951, 0.3387



19.7034, 0.3055, 0.3200



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.



71.8156, 0.2889, 0.2989



72.0914, 0.2836, 0.2919



68.6423, 0.2949, 0.2898



17.3257, 0.2979, 0.3105



5.5926, 0.1575, 0.0871



0.6758, 0.1636, 0.1088

Inverse Universe

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



71.7326, 0.3341, 0.3198



72.0889, 0.3395, 0.3178



90.1709, 0.3289, 0.3668



17.2941, 0.3256, 0.3233



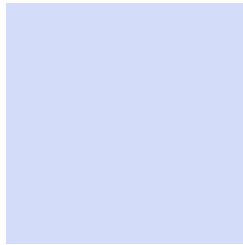
10.9755, 0.5957, 0.3055



1.0325, 0.5628, 0.2874

Previews

White Background



This preview shows how the Yxy color 71.8126, 0.2889, 0.2989 looks on a white background.

Color Contrast Check

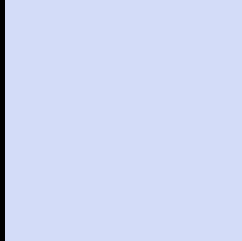
Large Text (above 18pt) WCAG AA × Fail

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 71.8126, 0.2889, 0.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

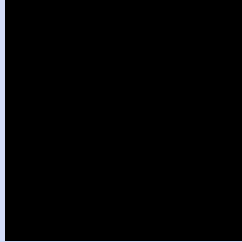
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

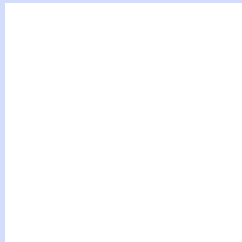
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8126, 0.2889, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 71.8126, 0.2889, 0.2989.

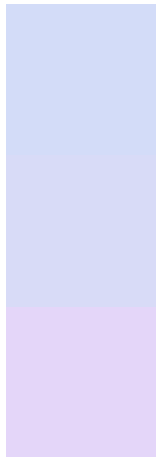


This preview shows how white text looks on a background with the Yxy color 71.8126, 0.2889, 0.2989.

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

71.8126, 0.2889, 0.2989

Protanopia

71.9774, 0.2928, 0.2992

Deuteranopia

71.4267, 0.2996, 0.2926



Tritanopia

71.5002, 0.2931, 0.3094

Trichromacy



Original Color

71.8126, 0.2889, 0.2989

Protanomaly

71.6746, 0.2914, 0.2990

Deuteranomaly

71.4809, 0.2955, 0.2943

Tritanomaly

71.8253, 0.2919, 0.3062

Monochromacy



Original Color

71.8126, 0.2889, 0.2989

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.2341, 0.3034, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8126, 0.2889, 0.2989 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(211, 220, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 220, 248)  
}
```

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(211, 220, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 220, 248) }
```

Border

The CSS property to change the border of an element to Yxy 71.8126, 0.2889, 0.2989 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(211, 220, 248) }
```

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

```
.border{ border-color:rgb(211, 220, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 220, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 220, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 220, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 220,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8126, 0.2889, 0.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 220, 248) }
```

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

```
.background{ background-color: rgb(211,  
220, 248) }
```

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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