

Converting Colors

$Yxy(71.7248, 0.2847, 0.2907)$

Have a look what the booklet for
Yxy(71.7248, 0.2847, 0.2907)
contains.

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Color

Yxy(71.7319, 0.2847, 0.2907)

Conversions

Conversions Part 1

Format	Color
Hex	D3DBFF
RGB	211, 219, 255
RGB Percent	83%, 86%, 100%
CMY	0.1725, 0.1412, 0.0000
CMYK	0.17, 0.14, 0.00, 0.00
HSL	229°, 100%, 91%
HSV	229°, 17%, 100%
XYZ	70.2514, 71.7319, 104.7725
YIQ	220.7120, -16.3240, 9.5000

Conversions

Conversions Part 2

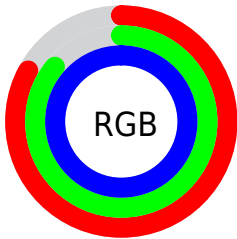
Format	Color
R _Y B	211, 218, 255
Decimal	13884415
CIE Lab	87.84, 4.49, -18.42
CIE LCh	88, 18.957, 283.700
Yxy	71.7319, 0.2847, 0.2907
Android (android.graphics.Color)	4292074495 (0xFFD3DBFF)
YUV	220.7120, 16.9040, -8.5174
Hunter-Lab	84.6947, -0.1560, -14.0591

Details

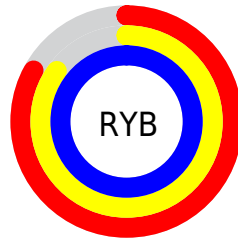
The Yxy color **71.7319, 0.2847, 0.2907** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.4955, 0.3400, 0.3646**, and the grayscale version is **71.9835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6961, 0.2782, 0.2821** is the 20% darker color. If you saturate the color by 10%, you get **58.0444, 0.2665, 0.2648**, and if you desaturate by 10%, it is **87.3846, 0.3015, 0.3139**.

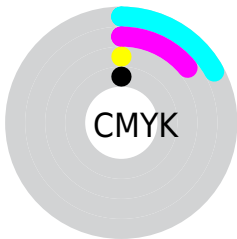
Distribution



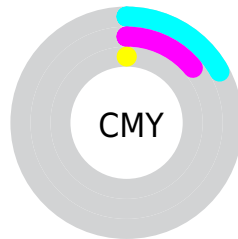
- Red (83%)
- Green (86%)
- Blue (100%)



- Red (83%)
- Yellow (85%)
- Blue (100%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7319, 0.2847, 0.2907 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 71.7319, 0.2847, 0.2907 by changing the saturation by 10% instead.

■ 71.7319, 0.2847,
0.2907

■ 71.7319, 0.2847,
0.2907

466.6079, 0.2977,
0.3082

■ 52.9397, 0.2817,
0.2868

121.6753, 0.2892,
0.2967

■ 37.7546, 0.2781,
0.2820

153.5953, 0.2909,
0.2991

■ 25.7923, 0.2735,
0.2759

190.6599, 0.2924,
0.3011

■ 16.6683, 0.2675,
0.2681

233.2537, 0.2938,
0.3029

■ 9.9983, 0.2594,
0.2577

281.7610, 0.2949,
0.3044

■ 5.3978, 0.2479,
0.2431

336.5662, 0.2959,

■ 2.4825, 0.2303,

0.3058

0.2212

398.0537, 0.2968,
0.3071

■ 0.8679, 0.2006,
0.1856

■ 0.0000, 0.0000,
0.0000

■ 71.7319, 0.2847,
0.2907

■ 71.7319, 0.2847,
0.2907

■ 58.0444, 0.2665,
0.2648

■ 87.3846, 0.3015,
0.3139

■ 46.2401, 0.2471,
0.2365

100.0000, 0.3127,
0.3290

■ 36.2364, 0.2272,
0.2063

■ 27.9432, 0.2078,
0.1754

■ 21.2620, 0.1897,
0.1454

■ 16.0842, 0.1744,
0.1180

■ 12.2869, 0.1628,
0.0951

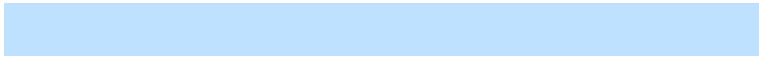
■ 9.7235, 0.1555,
0.0781

■ 9.1962, 0.1540,
0.0744

Harmonies

Analogous

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



71.7319, 0.2719, 0.2965



71.7319, 0.2847, 0.2907



71.7319, 0.3053, 0.2946

Triad

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



71.7319, 0.2847, 0.2907



71.7319, 0.3579, 0.3439



71.7319, 0.2961, 0.3529

Complementary

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



71.7319, 0.2847, 0.2907



92.4955, 0.3400, 0.3646

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.



71.7319, 0.3188, 0.3667



71.7319, 0.2847, 0.2907



71.7319, 0.3550, 0.3605

Square

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



71.7319, 0.2847, 0.2907



71.7319, 0.3481, 0.3245



71.7319, 0.3405, 0.3692



71.7319, 0.2783, 0.3321

Rectangle

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



71.7319, 0.2847, 0.2907



71.7319, 0.3209, 0.3019



71.7319, 0.3405, 0.3692



71.7319, 0.3034, 0.3586

Sweetspot

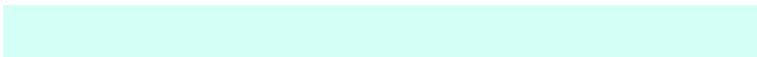
The Sweet Spot groups the original color and five complimentary colors.



71.7331, 0.2847, 0.2907



91.1829, 0.3051, 0.3187



92.0825, 0.2908, 0.3373



19.2605, 0.3040, 0.3173



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.



71.7331, 0.2847, 0.2907



66.3728, 0.2780, 0.2813



69.8142, 0.2937, 0.2833



17.9108, 0.2979, 0.3089



4.9578, 0.1546, 0.0765



0.6200, 0.1597, 0.0948

Inverse Universe

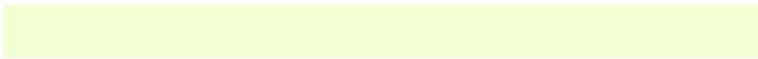
The Inverse Universe completely reimagines the original color for something new.



72.9702, 0.3402, 0.3210



67.9551, 0.3476, 0.3192



94.9372, 0.3296, 0.3733



18.0409, 0.3266, 0.3247



11.2285, 0.6127, 0.3149



1.1071, 0.5838, 0.2990

Previews

White Background



This preview shows how the Yxy color 71.7319, 0.2847, 0.2907 looks on a white background.

Color Contrast Check

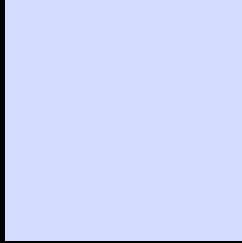
Large Text (above 18pt) WCAG AA × Fail

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 71.7319, 0.2847, 0.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

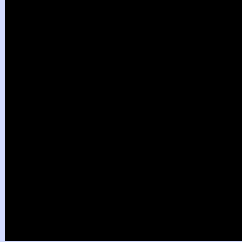
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.7319, 0.2847, 0.2907

Background



This preview shows how black text looks on a background with the Yxy color 71.7319, 0.2847, 0.2907.

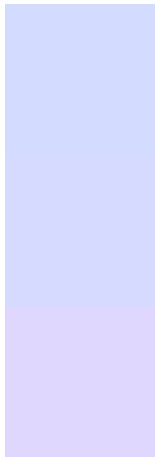


This preview shows how white text looks on a background with the Yxy color 71.7319, 0.2847, 0.2907.

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

71.7319, 0.2847, 0.2907

Protanopia

71.6589, 0.2866, 0.2899

Deuteranopia

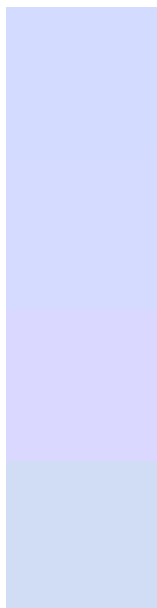
71.6682, 0.2931, 0.2874



Tritanopia

71.8844, 0.2924, 0.3104

Trichromacy



Original Color

71.7319, 0.2847, 0.2907

Protanomaly

71.5089, 0.2860, 0.2898

Deuteranomaly

71.3918, 0.2898, 0.2881

Tritanomaly

71.8608, 0.2894, 0.3030

Monochromacy



Original Color

71.7319, 0.2847, 0.2907

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.8213, 0.3022, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7319, 0.2847, 0.2907 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, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 219, 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(211, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.7319, 0.2847, 0.2907 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, 219, 255) }
```

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

```
.border{ border-color:rgb(211, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7319, 0.2847, 0.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 219, 255) }
```

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

```
.background{ background-color: rgb(211,  
219, 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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