

Converting Colors

$Yxy(73.1928, 0.2845, 0.2967)$

Have a look what the booklet for
Yxy(73.1928, 0.2845, 0.2967)
contains.

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Color

Yxy(73.2771, 0.2842, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	D0DFFD
RGB	208, 223, 253
RGB Percent	82%, 87%, 99%
CMY	0.1841, 0.1255, 0.0078
CMYK	0.18, 0.12, 0.00, 0.01
HSL	220°, 92%, 90%
HSV	220°, 18%, 99%
XYZ	70.1426, 73.2771, 103.3876
YIQ	221.9350, -18.5700, 6.1500

Conversions

Conversions Part 2

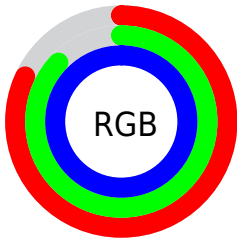
Format	Color
R _Y B	208, 219, 253
Decimal	13688829
CIE Lab	88.58, 1.07, -16.27
CIE LCh	89, 16.302, 273.747
Yxy	73.2771, 0.2842, 0.2969
Android (android.graphics.Color)	4291878909 (0xFFD0DFFD)
YUV	221.9350, 15.3150, -12.2210
Hunter-Lab	85.6020, -3.5400, -11.6873

Details

The Yxy color **73.2771, 0.2842, 0.2969** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.6398, 0.3420, 0.3592**, and the grayscale version is **72.9063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7631, 0.2777, 0.2901** is the 20% darker color. If you saturate the color by 10%, you get **61.3163, 0.2668, 0.2759**, and if you desaturate by 10%, it is **86.7301, 0.3007, 0.3158**.

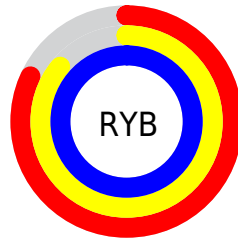
Distribution



Red (82%)

Green (87%)

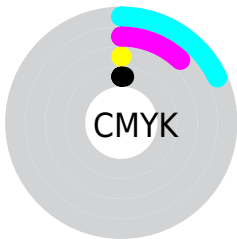
Blue (99%)



Red (82%)

Yellow (86%)

Blue (99%)

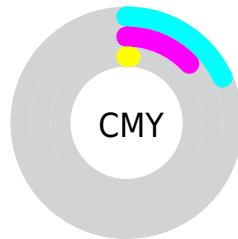


Cyan (18%)

Magenta (12%)

Yellow (0%)

Black (1%)



Cyan (18%)

Magenta (13%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2771, 0.2842, 0.2969 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 73.2771, 0.2842, 0.2969 by changing the saturation by 10% instead.

■ 73.2771, 0.2842,
0.2969

■ 73.2771, 0.2842,
0.2969

471.9746, 0.2973,
0.3116

■ 54.2026, 0.2812,
0.2936

123.8705, 0.2887,
0.3020

■ 38.7636, 0.2776,
0.2895

156.1582, 0.2905,
0.3040

■ 26.5759, 0.2730,
0.2844

193.6190, 0.2920,
0.3057

■ 17.2550, 0.2670,
0.2777

236.6374, 0.2933,
0.3072

■ 10.4164, 0.2590,
0.2688

285.5978, 0.2945,
0.3085

■ 5.6759, 0.2476,
0.2562

340.8845, 0.2956,

■ 2.6490, 0.2303,

0.3096

0.2372

402.8820, 0.2965,
0.3107

0.9514, 0.2013,
0.2056

0.0000, 0.0000,
0.0000

73.2771, 0.2842,
0.2969

73.2771, 0.2842,
0.2969

61.3163, 0.2668,
0.2759

86.7301, 0.3007,
0.3158

50.7847, 0.2488,
0.2528

99.8729, 0.3139,
0.3309

41.6279, 0.2306,
0.2281

33.7843, 0.2130,
0.2024

■ 27.1869, 0.1968,
0.1764

■ 21.7620, 0.1828,
0.1513

■ 17.4260, 0.1717,
0.1283

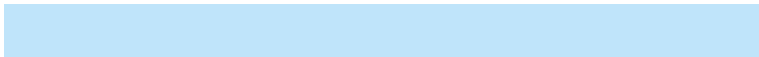
■ 14.0767, 0.1638,
0.1084

■ 13.4391, 0.1623,
0.1044

Harmonies

Analogous

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



73.2771, 0.2760, 0.3048



73.2771, 0.2842, 0.2969



73.2771, 0.3001, 0.2974

Triad

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



73.2771, 0.2842, 0.2969



73.2771, 0.3496, 0.3365



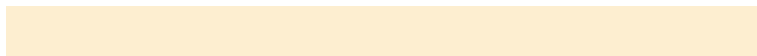
73.2771, 0.3048, 0.3541

Complementary

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



73.2771, 0.2842, 0.2969



86.6398, 0.3420, 0.3592

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.



73.2771, 0.3246, 0.3629



73.2771, 0.2842, 0.2969



73.2771, 0.3508, 0.3519

Square

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



73.2771, 0.2842, 0.2969



73.2771, 0.3381, 0.3198



73.2771, 0.3415, 0.3618



73.2771, 0.2876, 0.3379

Rectangle

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



73.2771, 0.2842, 0.2969



73.2771, 0.3131, 0.3022



73.2771, 0.3415, 0.3618



73.2771, 0.3114, 0.3580

Sweetspot

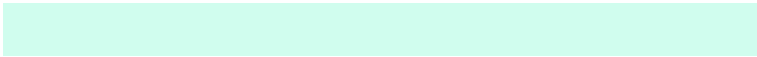
The Sweet Spot groups the original color and five complimentary colors.



73.2801, 0.2842, 0.2969



92.3483, 0.3051, 0.3206



89.8533, 0.2938, 0.3447



19.5430, 0.3040, 0.3194



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.



73.2801, 0.2842, 0.2969



70.4862, 0.2786, 0.2903



66.7621, 0.2884, 0.2811



18.3633, 0.2979, 0.3127



7.3856, 0.1631, 0.1072



0.9101, 0.1693, 0.1295

Inverse Universe

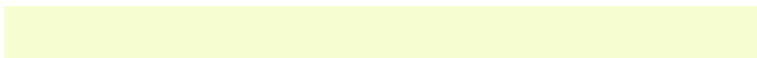
The Inverse Universe completely reimagines the original color for something new.



71.3516, 0.3361, 0.3139



68.3703, 0.3414, 0.3110



94.3240, 0.3346, 0.3741



18.0866, 0.3242, 0.3211



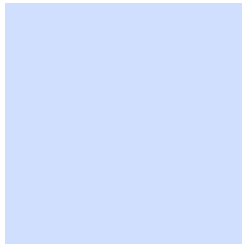
11.4735, 0.5651, 0.2887



1.1364, 0.5333, 0.2712

Previews

White Background



This preview shows how the Yxy color 73.2771, 0.2842, 0.2969 looks on a white background.

Color Contrast Check

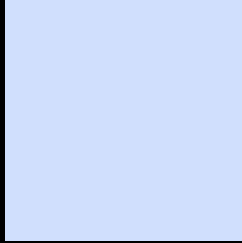
Large Text (above 18pt) WCAG AA × Fail

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 73.2771, 0.2842, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

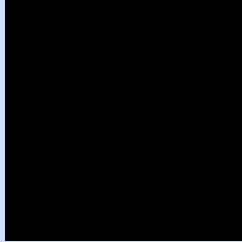
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

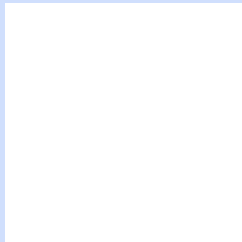
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2771, 0.2842, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 73.2771, 0.2842, 0.2969.



This preview shows how white text looks on a background with the Yxy color 73.2771, 0.2842, 0.2969.

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

73.2771, 0.2842, 0.2969

Protanopia

72.9031, 0.2910, 0.2962

Deuteranopia

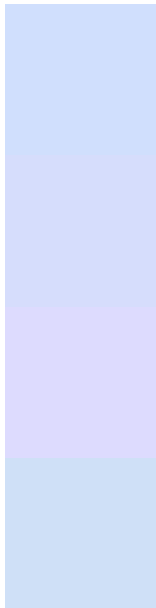
72.7615, 0.2965, 0.2898



Tritanopia

73.4433, 0.2888, 0.3094

Trichromacy



Original Color

73.2771, 0.2842, 0.2969

Protanomaly

73.0373, 0.2885, 0.2961

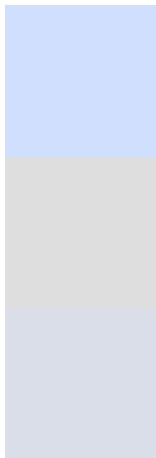
Deuteranomaly

73.1909, 0.2918, 0.2924

Tritanomaly

73.2921, 0.2871, 0.3042

Monochromacy



Original Color

73.2771, 0.2842, 0.2969

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.8775, 0.3022, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2771, 0.2842, 0.2969 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(208, 223, 253)` looks like.

```
.text, #text, p{  
    color:rgb(208, 223, 253)  
}
```

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(208, 223, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 223, 253) }
```

Border

The CSS property to change the border of an element to Yxy 73.2771, 0.2842, 0.2969 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(208, 223, 253) }
```

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

```
.border{ border-color:rgb(208, 223, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 223, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 223, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 223, 253);  
box-shadow:4px 4px 4px 4px rgb(208, 223,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2771, 0.2842, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 223, 253) }
```

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

```
.background{ background-color: rgb(208,  
223, 253) }
```

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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