

Converting Colors

$Yxy(73.0056, 0.2853, 0.2973)$

Have a look what the booklet for
Yxy(73.0056, 0.2853, 0.2973)
contains.

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Color

Yxy(72.8261, 0.2853, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	D1DEFC
RGB	209, 222, 252
RGB Percent	82%, 87%, 99%
CMY	0.1805, 0.1294, 0.0117
CMYK	0.17, 0.12, 0.00, 0.01
HSL	222°, 88%, 90%
HSV	222°, 17%, 99%
XYZ	69.9808, 72.8261, 102.4815
YIQ	221.5330, -17.3780, 6.5740

Conversions

Conversions Part 2

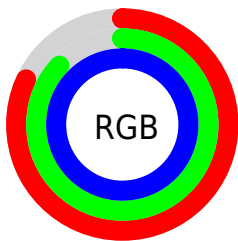
Format	Color
R _Y B	209, 219, 252
Decimal	13754108
CIE Lab	88.36, 1.64, -16.06
CIE LCh	88, 16.146, 275.845
Yxy	72.8261, 0.2853, 0.2969
Android (android.graphics.Color)	4291944188 (0xFFD1DEFC)
YUV	221.5330, 15.0202, -10.9914
Hunter-Lab	85.3382, -2.9647, -11.4638

Details

The Yxy color **72.8261, 0.2853, 0.2969** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.0179, 0.3406, 0.3592**, and the grayscale version is **72.6005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4476, 0.2791, 0.2901** is the 20% darker color. If you saturate the color by 10%, you get **60.5900, 0.2678, 0.2751**, and if you desaturate by 10%, it is **86.6216, 0.3018, 0.3165**.

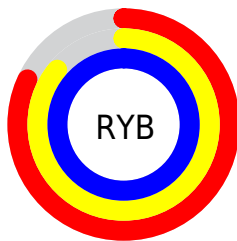
Distribution



Red (82%)

Green (87%)

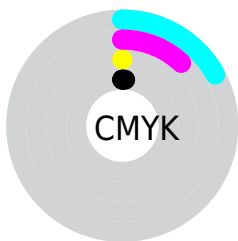
Blue (99%)



Red (82%)

Yellow (86%)

Blue (99%)

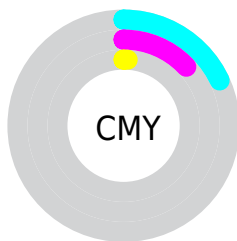


Cyan (17%)

Magenta (12%)

Yellow (0%)

Black (1%)



Cyan (18%)

Magenta (13%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.8261, 0.2853, 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 72.8261, 0.2853, 0.2969 by changing the saturation by 10% instead.

■ 72.8261, 0.2853,
0.2969

■ 72.8261, 0.2853,
0.2969

470.4119, 0.2979,
0.3116

■ 53.8338, 0.2824,
0.2936

123.2303, 0.2897,
0.3020

■ 38.4688, 0.2789,
0.2895

155.4110, 0.2914,
0.3040

■ 26.3467, 0.2745,
0.2844

192.7566, 0.2928,
0.3057

■ 17.0832, 0.2687,
0.2777

235.6514, 0.2941,
0.3072

■ 10.2938, 0.2609,
0.2688

284.4800, 0.2952,
0.3085

■ 5.5942, 0.2498,
0.2561

339.6267, 0.2962,

■ 2.5999, 0.2329,

0.3096

0.2370

401.4758, 0.2971,
0.3107

■ 0.9266, 0.2044,
0.2053

■ 0.0000, 0.0000,
0.0000

■ 72.8261, 0.2853,
0.2969

■ 72.8261, 0.2853,
0.2969

■ 60.5900, 0.2678,
0.2751

■ 86.6216, 0.3018,
0.3165

■ 49.8474, 0.2495,
0.2511

99.8097, 0.3144,
0.3318

■ 40.5408, 0.2310,
0.2254

■ 32.6052, 0.2130,
0.1986

■ 25.9701, 0.1963,
0.1717

■ 20.5580, 0.1818,
0.1459

■ 16.2816, 0.1703,
0.1224

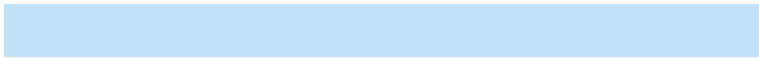
■ 13.0367, 0.1623,
0.1025

■ 12.2514, 0.1604,
0.0973

Harmonies

Analogous

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



72.8261, 0.2765, 0.3041



72.8261, 0.2853, 0.2969



72.8261, 0.3015, 0.2980

Triad

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



72.8261, 0.2853, 0.2969



72.8261, 0.3497, 0.3376



72.8261, 0.3036, 0.3529

Complementary

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



72.8261, 0.2853, 0.2969



87.0179, 0.3406, 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.



72.8261, 0.3231, 0.3623



72.8261, 0.2853, 0.2969



72.8261, 0.3502, 0.3527

Square

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



72.8261, 0.2853, 0.2969



72.8261, 0.3390, 0.3210



72.8261, 0.3403, 0.3620



72.8261, 0.2868, 0.3366

Rectangle

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



72.8261, 0.2853, 0.2969



72.8261, 0.3145, 0.3031



72.8261, 0.3403, 0.3620



72.8261, 0.3100, 0.3571

Sweetspot

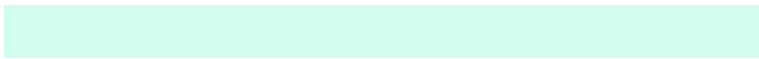
The Sweet Spot groups the original color and five complimentary colors.



72.8291, 0.2853, 0.2969



92.1226, 0.3051, 0.3203



89.3806, 0.2942, 0.3433



19.4882, 0.3040, 0.3190



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.



72.8291, 0.2853, 0.2969



69.6768, 0.2785, 0.2886



67.3421, 0.2899, 0.2832



17.5007, 0.2979, 0.3120



6.6062, 0.1612, 0.1002



0.7897, 0.1676, 0.1234

Inverse Universe

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



71.5569, 0.3360, 0.3158



68.2886, 0.3426, 0.3126



93.4926, 0.3332, 0.3723



17.3118, 0.3246, 0.3218



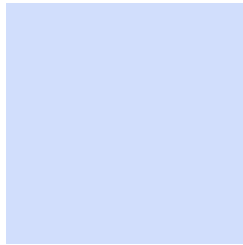
11.0778, 0.5755, 0.2944



1.0439, 0.5419, 0.2759

Previews

White Background



This preview shows how the Yxy color 72.8261, 0.2853, 0.2969 looks on a white background.

Color Contrast Check

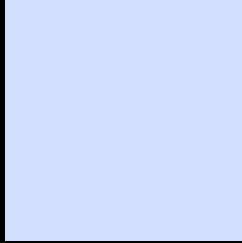
Large Text (above 18pt) WCAG AA × Fail

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 72.8261, 0.2853, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

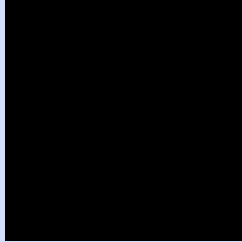
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

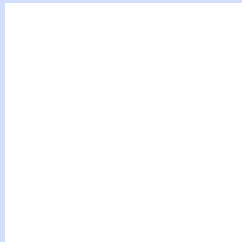
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8261, 0.2853, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 72.8261, 0.2853, 0.2969.



This preview shows how white text looks on a background with the Yxy color 72.8261, 0.2853, 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

72.8261, 0.2853, 0.2969

Protanopia

72.9031, 0.2910, 0.2962

Deuteranopia

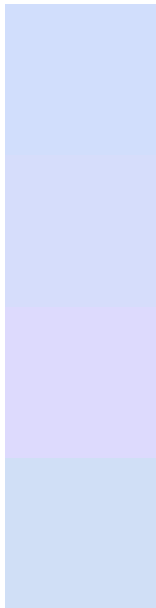
72.6976, 0.2971, 0.2908



Tritanopia

72.9875, 0.2900, 0.3094

Trichromacy



Original Color

72.8261, 0.2853, 0.2969

Protanomaly

72.9741, 0.2891, 0.2971

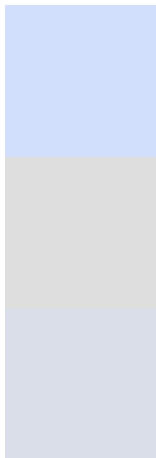
Deuteranomaly

72.6068, 0.2924, 0.2924

Tritanomaly

72.8391, 0.2883, 0.3042

Monochromacy



Original Color

72.8261, 0.2853, 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 72.8261, 0.2853, 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(209, 222, 252)` looks like.

```
.text, #text, p{  
    color:rgb(209, 222, 252)  
}
```

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(209, 222, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 222, 252) }
```

Border

The CSS property to change the border of an element to Yxy 72.8261, 0.2853, 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(209, 222, 252) }
```

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

```
.border{ border-color:rgb(209, 222, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 222, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 222, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 222, 252);  
box-shadow:4px 4px 4px 4px rgb(209, 222,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8261, 0.2853, 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(209, 222, 252) }
```

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

```
.background{ background-color: rgb(209,  
222, 252) }
```

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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