

Converting Colors

$Yxy(72.6088, 0.2850, 0.2872)$

Have a look what the booklet for
Yxy(72.6088, 0.2850, 0.2872)
contains.

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Color

Yxy(72.3301, 0.2873, 0.2910)

Conversions

Conversions Part 1

Format	Color
Hex	D7DBFF
RGB	215, 219, 255
RGB Percent	84%, 86%, 100%
CMY	0.1568, 0.1412, 0.0000
CMYK	0.16, 0.14, 0.00, 0.00
HSL	234°, 100%, 92%
HSV	234°, 16%, 100%
XYZ	71.4104, 72.3301, 104.8165
YIQ	221.9080, -13.9400, 10.3480

Conversions

Conversions Part 2

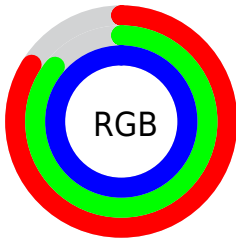
Format	Color
R _Y B	215, 219, 255
Decimal	14146559
CIE Lab	88.13, 5.72, -17.95
CIE LCh	88, 18.839, 287.681
Yxy	72.3301, 0.2873, 0.2910
Android (android.graphics.Color)	4292336639 (0xFFD7DBFF)
YUV	221.9080, 16.3144, -6.0583
Hunter-Lab	85.0471, 1.0464, -13.5391

Details

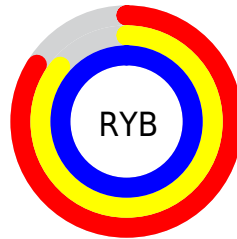
The Yxy color **72.3301, 0.2873, 0.2910** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.1716, 0.3369, 0.3643**, and the grayscale version is **72.8711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1017, 0.2815, 0.2826** is the 20% darker color. If you saturate the color by 10%, you get **57.6028, 0.2688, 0.2629**, and if you desaturate by 10%, it is **89.3153, 0.3040, 0.3161**.

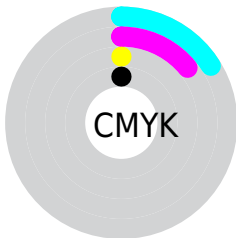
Distribution



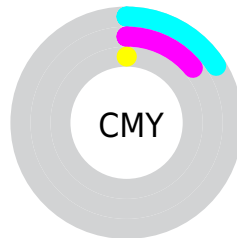
- Red (84%)
- Green (86%)
- Blue (100%)



- Red (84%)
- Yellow (86%)
- Blue (100%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3301, 0.2873, 0.2910 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 72.3301, 0.2873, 0.2910 by changing the saturation by 10% instead.

■ 72.3301, 0.2873,
0.2910

■ 72.3301, 0.2873,
0.2910

468.6897, 0.2991,
0.3083

■ 53.4284, 0.2846,
0.2871

122.5257, 0.2914,
0.2969

■ 38.1448, 0.2813,
0.2824

154.5884, 0.2930,
0.2993

■ 26.0951, 0.2771,
0.2764

191.8069, 0.2943,
0.3013

■ 16.8948, 0.2717,
0.2688

234.5655, 0.2955,
0.3030

■ 10.1595, 0.2643,
0.2585

283.2488, 0.2966,
0.3046

■ 5.5049, 0.2537,
0.2442

338.2409, 0.2975,

■ 2.5464, 0.2376,

0.3060

0.2229

399.9265, 0.2983,
0.3072

0.8998, 0.2102,
0.1883

0.0000, 0.0000,
0.0000

72.3301, 0.2873,
0.2910

72.3301, 0.2873,
0.2910

57.6028, 0.2688,
0.2629

89.3153, 0.3040,
0.3161

45.0323, 0.2489,
0.2320

100.0000, 0.3127,
0.3290

34.5188, 0.2282,
0.1992

25.9524, 0.2077,
0.1660

■ 19.2126, 0.1887,
0.1343

■ 14.1657, 0.1725,
0.1063

■ 10.6592, 0.1606,
0.0842

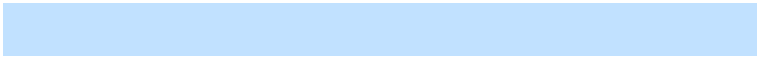
■ 8.5125, 0.1534,
0.0694

■ 7.9328, 0.1515,
0.0653

Harmonies

Analogous

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



72.3301, 0.2734, 0.2955



72.3301, 0.2873, 0.2910



72.3301, 0.3084, 0.2960

Triad

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



72.3301, 0.2873, 0.2910



72.3301, 0.3578, 0.3463



72.3301, 0.2936, 0.3502

Complementary

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



72.3301, 0.2873, 0.2910



95.1716, 0.3369, 0.3643

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.



72.3301, 0.3157, 0.3651



72.3301, 0.2873, 0.2910



72.3301, 0.3533, 0.3619

Square

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



72.3301, 0.2873, 0.2910



72.3301, 0.3497, 0.3271



72.3301, 0.3377, 0.3692



72.3301, 0.2769, 0.3292

Rectangle

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



72.3301, 0.2873, 0.2910



72.3301, 0.3239, 0.3040



72.3301, 0.3377, 0.3692



72.3301, 0.3006, 0.3562

Sweetspot

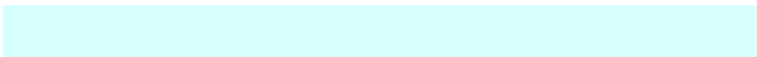
The Sweet Spot groups the original color and five complimentary colors.



72.3321, 0.2873, 0.2910



90.5546, 0.3051, 0.3177



92.9346, 0.2910, 0.3330



19.1084, 0.3040, 0.3161



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.



72.3321, 0.2873, 0.2910



67.1969, 0.2814, 0.2820



72.8193, 0.2979, 0.2880



17.6688, 0.2979, 0.3069



4.2402, 0.1519, 0.0666



0.5052, 0.1554, 0.0795

Inverse Universe

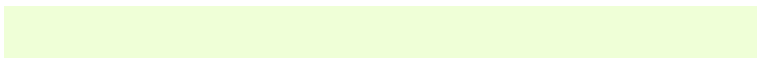
The Inverse Universe completely reimagines the original color for something new.



74.9832, 0.3396, 0.3251



70.3900, 0.3466, 0.3242



94.7789, 0.3259, 0.3694



18.0165, 0.3279, 0.3267



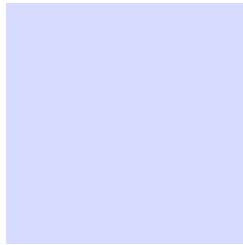
11.1560, 0.6289, 0.3238



1.0955, 0.6077, 0.3121

Previews

White Background



This preview shows how the Yxy color 72.3301, 0.2873, 0.2910 looks on a white background.

Color Contrast Check

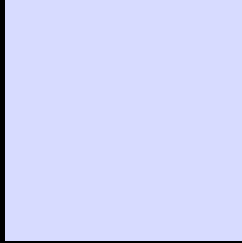
Large Text (above 18pt) WCAG AA × Fail

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 72.3301, 0.2873, 0.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

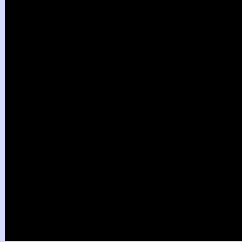
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3301, 0.2873, 0.2910

Background



This preview shows how black text looks on a background with the Yxy color 72.3301, 0.2873, 0.2910.

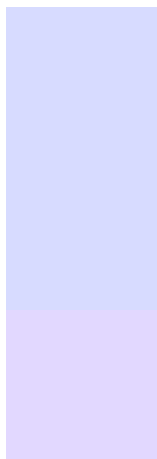


This preview shows how white text looks on a background with the Yxy color 72.3301, 0.2873, 0.2910.

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

72.3301, 0.2873, 0.2910

Protanopia

72.3301, 0.2873, 0.2910

Deuteranopia

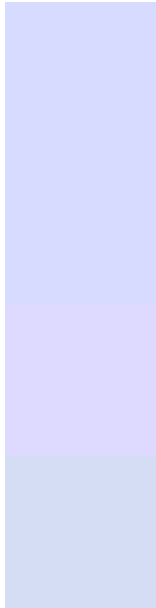
72.5005, 0.2945, 0.2886



Tritanopia

72.4716, 0.2951, 0.3106

Trichromacy



Original Color

72.3301, 0.2873, 0.2910

Protanomaly

72.3301, 0.2873, 0.2910

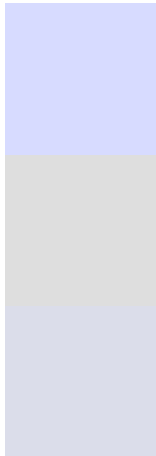
Deuteranomaly

72.3753, 0.2918, 0.2894

Tritanomaly

72.4516, 0.2921, 0.3032

Monochromacy



Original Color

72.3301, 0.2873, 0.2910

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.7135, 0.3029, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3301, 0.2873, 0.2910 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(215, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 72.3301, 0.2873, 0.2910 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(215, 219, 255) }
```

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

```
.border{ border-color:rgb(215, 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(215, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3301, 0.2873, 0.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 219, 255) }
```

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

```
.background{ background-color: rgb(215,  
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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