

Converting Colors

$Yxy(74.1559, 0.2854, 0.2956)$

Have a look what the booklet for
Yxy(74.1559, 0.2854, 0.2956)
contains.

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Color

Yxy(73.9924, 0.2856, 0.2951)

Conversions

Conversions Part 1

Format	Color
Hex	D4DFFF
RGB	212, 223, 255
RGB Percent	83%, 87%, 100%
CMY	0.1683, 0.1256, 0.0000
CMYK	0.17, 0.13, 0.00, 0.00
HSL	225°, 100%, 92%
HSV	225°, 17%, 100%
XYZ	71.6104, 73.9924, 105.1339
YIQ	223.3590, -16.8280, 7.6200

Conversions

Conversions Part 2

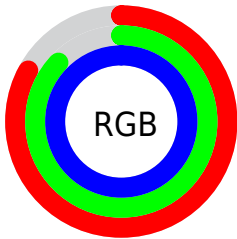
Format	Color
R _Y B	212, 221, 255
Decimal	13950975
CIE Lab	88.92, 2.73, -16.78
CIE LCh	89, 17.004, 279.250
Yxy	73.9924, 0.2856, 0.2951
Android (android.graphics.Color)	4292141055 (0xFFD4DFFF)
YUV	223.3590, 15.5990, -9.9618
Hunter-Lab	86.0188, -1.9323, -12.2522

Details

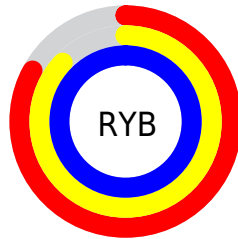
The Yxy color **73.9924, 0.2856, 0.2951** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.7862, 0.3398, 0.3607**, and the grayscale version is **73.9659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2506, 0.2794, 0.2879** is the 20% darker color. If you saturate the color by 10%, you get **60.8945, 0.2678, 0.2717**, and if you desaturate by 10%, it is **88.8347, 0.3022, 0.3161**.

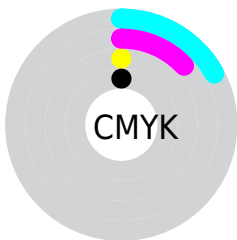
Distribution



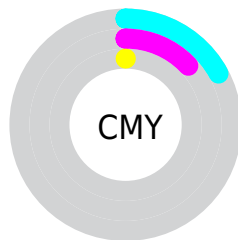
- Red (83%)
- Green (87%)
- Blue (100%)



- Red (83%)
- Yellow (87%)
- Blue (100%)



- Cyan (17%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9924, 0.2856, 0.2951 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 73.9924, 0.2856, 0.2951 by changing the saturation by 10% instead.

73.9924, 0.2856,
0.2951

73.9924, 0.2856,
0.2951

474.4471, 0.2981,
0.3106

54.7878, 0.2828,
0.2916

124.8850, 0.2899,
0.3004

39.2319, 0.2793,
0.2874

157.3419, 0.2916,
0.3025

26.9402, 0.2749,
0.2820

194.9849, 0.2930,
0.3043

17.5283, 0.2693,
0.2752

238.1986, 0.2943,
0.3059

10.6119, 0.2616,
0.2659

287.3672, 0.2954,
0.3072

5.8065, 0.2508,
0.2530

342.8753, 0.2964,

2.7278, 0.2344,

0.3085

0.2336

405.1071, 0.2973,
0.3096

■ 0.9913, 0.2069,
0.2019

■ 0.0000, 0.0000,
0.0000

■ 73.9924, 0.2856,
0.2951

■ 73.9924, 0.2856,
0.2951

■ 60.8945, 0.2678,
0.2717

■ 88.8347, 0.3022,
0.3161

■ 49.4707, 0.2491,
0.2460

100.0000, 0.3127,
0.3290

■ 39.6526, 0.2301,
0.2185

■ 31.3651, 0.2114,
0.1900

■ 24.5267, 0.1941,
0.1616

■ 19.0479, 0.1791,
0.1348

■ 14.8274, 0.1673,
0.1111

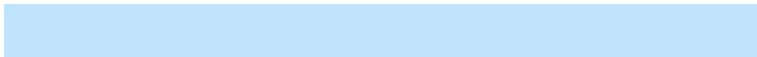
■ 11.7463, 0.1594,
0.0918

■ 10.9672, 0.1574,
0.0867

Harmonies

Analogous

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



73.9924, 0.2754, 0.3017



73.9924, 0.2856, 0.2951



73.9924, 0.3032, 0.2972

Triad

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



73.9924, 0.2856, 0.2951



73.9924, 0.3521, 0.3399



73.9924, 0.3009, 0.3524

Complementary

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



73.9924, 0.2856, 0.2951



90.7862, 0.3398, 0.3607

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.



73.9924, 0.3213, 0.3633



73.9924, 0.2856, 0.2951



73.9924, 0.3513, 0.3552

Square

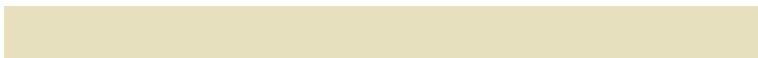
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9924, 0.2856, 0.2951



73.9924, 0.3420, 0.3225



73.9924, 0.3398, 0.3641



73.9924, 0.2840, 0.3347

Rectangle

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



73.9924, 0.2856, 0.2951



73.9924, 0.3169, 0.3031



73.9924, 0.3398, 0.3641



73.9924, 0.3075, 0.3571

Sweetspot

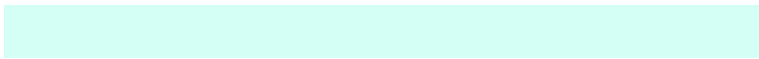
The Sweet Spot groups the original color and five complimentary colors.



73.9939, 0.2856, 0.2951



91.7404, 0.3051, 0.3197



92.0351, 0.2933, 0.3408



19.3956, 0.3040, 0.3183



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.



73.9939, 0.2856, 0.2951



69.6530, 0.2801, 0.2880



69.8972, 0.2918, 0.2842



18.1267, 0.2979, 0.3107



5.9302, 0.1581, 0.0892



0.7432, 0.1639, 0.1101

Inverse Universe

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



73.7181, 0.3371, 0.3181



69.4525, 0.3427, 0.3159



95.6882, 0.3315, 0.3719



18.0627, 0.3254, 0.3230



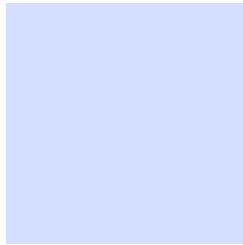
11.3266, 0.5924, 0.3037



1.1196, 0.5608, 0.2863

Previews

White Background



This preview shows how the Yxy color 73.9924, 0.2856, 0.2951 looks on a white background.

Color Contrast Check

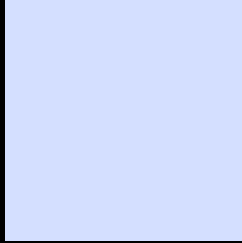
Large Text (above 18pt) WCAG AA × Fail

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 73.9924, 0.2856, 0.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

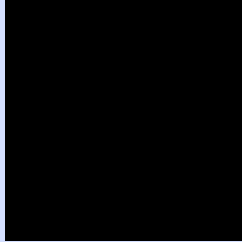
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9924, 0.2856, 0.2951

Background



This preview shows how black text looks on a background with the Yxy color 73.9924, 0.2856, 0.2951.



This preview shows how white text looks on a background with the Yxy color 73.9924, 0.2856, 0.2951.

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

73.9924, 0.2856, 0.2951

Protanopia

73.7741, 0.2899, 0.2944

Deuteranopia

74.0208, 0.2965, 0.2910



Tritanopia

74.0231, 0.2914, 0.3096

Trichromacy



Original Color

73.9924, 0.2856, 0.2951

Protanomaly

73.9972, 0.2887, 0.2953

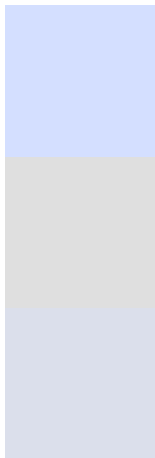
Deuteranomaly

74.0944, 0.2926, 0.2927

Tritanomaly

73.8756, 0.2897, 0.3043

Monochromacy



Original Color

73.9924, 0.2856, 0.2951

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.8336, 0.3023, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9924, 0.2856, 0.2951 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(212, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 223, 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(212, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 223, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.9924, 0.2856, 0.2951 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(212, 223, 255) }
```

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

```
.border{ border-color:rgb(212, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 223,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9924, 0.2856, 0.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 223, 255) }
```

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

```
.background{ background-color: rgb(212,  
223, 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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