

Converting Colors

$Yxy(74.5547, 0.2878, 0.2947)$

Have a look what the booklet for
Yxy(74.5547, 0.2878, 0.2947)
contains.

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Color

Yxy(74.5943, 0.2881, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	D8DFFF
RGB	216, 223, 255
RGB Percent	85%, 87%, 100%
CMY	0.1530, 0.1254, 0.0000
CMYK	0.15, 0.13, 0.00, 0.00
HSL	229°, 100%, 92%
HSV	229°, 15%, 100%
XYZ	72.7509, 74.5943, 105.1744
YIQ	224.5550, -14.4440, 8.4680

Conversions

Conversions Part 2

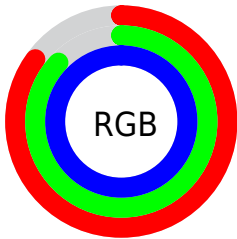
Format	Color
R _Y B	216, 222, 255
Decimal	14213119
CIE Lab	89.20, 3.91, -16.32
CIE LCh	89, 16.782, 283.483
Yxy	74.5943, 0.2881, 0.2954
Android (android.graphics.Color)	4292403199 (0xFFD8DFFF)
YUV	224.5550, 15.0094, -7.5027
Hunter-Lab	86.3680, -0.7869, -11.7427

Details

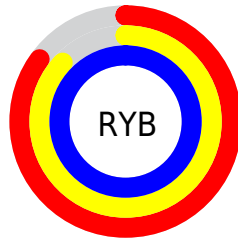
The Yxy color **74.5943, 0.2881, 0.2954** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.3280, 0.3368, 0.3605**, and the grayscale version is **74.8563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6595, 0.2827, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **60.5216, 0.2701, 0.2700**, and if you desaturate by 10%, it is **90.6538, 0.3046, 0.3181**.

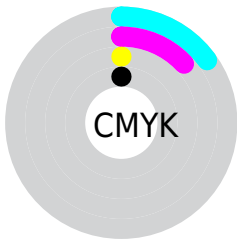
Distribution



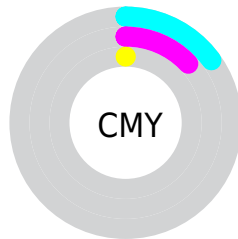
- Red (85%)
- Green (87%)
- Blue (100%)



- Red (85%)
- Yellow (87%)
- Blue (100%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5943, 0.2881, 0.2954 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 74.5943, 0.2881, 0.2954 by changing the saturation by 10% instead.

■ 74.5943, 0.2881,
0.2954

■ 74.5943, 0.2881,
0.2954

476.5220, 0.2994,
0.3107

■ 55.2806, 0.2855,
0.2920

125.7379, 0.2920,
0.3006

■ 39.6264, 0.2824,
0.2878

158.3366, 0.2935,
0.3027

■ 27.2474, 0.2784,
0.2826

196.1324, 0.2949,
0.3045

■ 17.7591, 0.2732,
0.2758

239.5097, 0.2960,
0.3060

■ 10.7772, 0.2663,
0.2668

288.8529, 0.2970,
0.3074

■ 5.9172, 0.2564,
0.2541

344.5465, 0.2979,

■ 2.7948, 0.2414,

0.3086

0.2353

406.9747, 0.2987,
0.3097

■ 1.0256, 0.2161,
0.2045

■ 0.0000, 0.0110,
0.0000

■ 74.5943, 0.2881,
0.2954

■ 74.5943, 0.2881,
0.2954

■ 60.5216, 0.2701,
0.2700

■ 90.6538, 0.3046,
0.3181

■ 48.3498, 0.2509,
0.2420

100.0000, 0.3127,
0.3290

■ 37.9987, 0.2311,
0.2121

■ 29.3792, 0.2114,
0.1812

■ 22.3944, 0.1930,
0.1508

■ 16.9376, 0.1771,
0.1228

■ 12.8885, 0.1647,
0.0989

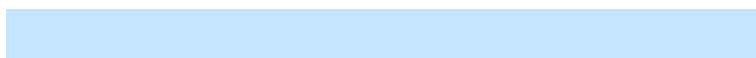
■ 10.1072, 0.1565,
0.0807

■ 9.1730, 0.1540,
0.0742

Harmonies

Analogous

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



74.5943, 0.2769, 0.3007



74.5943, 0.2881, 0.2954



74.5943, 0.3061, 0.2987

Triad

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



74.5943, 0.2881, 0.2954



74.5943, 0.3521, 0.3421



74.5943, 0.2984, 0.3499

Complementary

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



74.5943, 0.2881, 0.2954



93.3280, 0.3368, 0.3605

Split Complementary

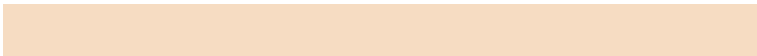
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.5943, 0.3183, 0.3618



74.5943, 0.2881, 0.2954



74.5943, 0.3497, 0.3565

Square

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



74.5943, 0.2881, 0.2954



74.5943, 0.3435, 0.3250



74.5943, 0.3372, 0.3641



74.5943, 0.2827, 0.3320

Rectangle

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



74.5943, 0.2881, 0.2954



74.5943, 0.3198, 0.3051



74.5943, 0.3372, 0.3641



74.5943, 0.3048, 0.3548

Sweetspot

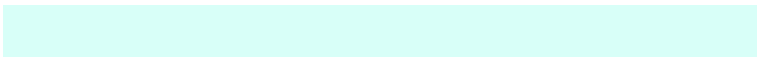
The Sweet Spot groups the original color and five complimentary colors.



74.5971, 0.2881, 0.2954



91.1740, 0.3051, 0.3187



92.8828, 0.2932, 0.3363



19.2584, 0.3040, 0.3172



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.



74.5971, 0.2881, 0.2954



70.6106, 0.2834, 0.2888



72.8671, 0.2961, 0.2888



17.9074, 0.2979, 0.3089



4.9449, 0.1545, 0.0763



0.6182, 0.1596, 0.0945

Inverse Universe

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



75.6871, 0.3366, 0.3220



71.9395, 0.3416, 0.3207



95.4676, 0.3277, 0.3681



18.0406, 0.3266, 0.3247



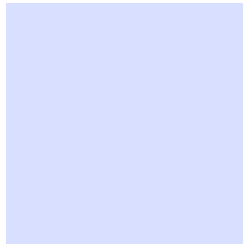
11.2272, 0.6130, 0.3150



1.1070, 0.5842, 0.2992

Previews

White Background



This preview shows how the Yxy color 74.5943, 0.2881, 0.2954 looks on a white background.

Color Contrast Check

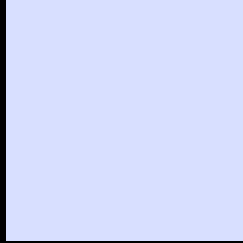
Large Text (above 18pt) WCAG AA × Fail

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 74.5943, 0.2881, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

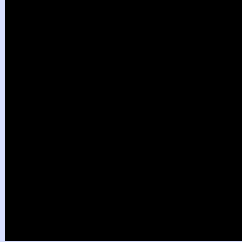
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5943, 0.2881, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 74.5943, 0.2881, 0.2954.

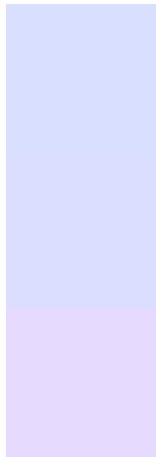


This preview shows how white text looks on a background with the Yxy color 74.5943, 0.2881, 0.2954.

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

74.5943, 0.2881, 0.2954

Protanopia

74.4584, 0.2906, 0.2955

Deuteranopia

74.1858, 0.2972, 0.2911



Tritanopia

74.6176, 0.2940, 0.3097

Trichromacy



Original Color

74.5943, 0.2881, 0.2954

Protanomaly

74.3037, 0.2900, 0.2955

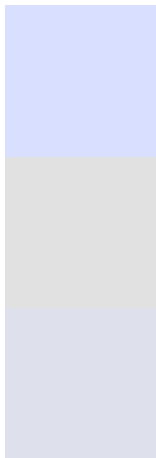
Deuteranomaly

74.4140, 0.2939, 0.2928

Tritanomaly

74.4738, 0.2922, 0.3045

Monochromacy



Original Color

74.5943, 0.2881, 0.2954

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.8970, 0.3037, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5943, 0.2881, 0.2954 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(216, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 223, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.5943, 0.2881, 0.2954 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(216, 223, 255) }
```

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

```
.border{ border-color:rgb(216, 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(216, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 223,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5943, 0.2881, 0.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 223, 255) }
```

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

```
.background{ background-color: rgb(216,  
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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