

Converting Colors

$Yxy(74.0334, 0.2882, 0.2942)$

Have a look what the booklet for
Yxy(74.0334, 0.2882, 0.2942)
contains.

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Color

Yxy(74.0615, 0.2881, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	D8DEFF
RGB	216, 222, 255
RGB Percent	85%, 87%, 100%
CMY	0.1528, 0.1294, 0.0000
CMYK	0.15, 0.13, 0.00, 0.00
HSL	231°, 100%, 92%
HSV	231°, 15%, 100%
XYZ	72.5013, 74.0615, 105.0903
YIQ	223.9680, -14.1690, 8.9910

Conversions

Conversions Part 2

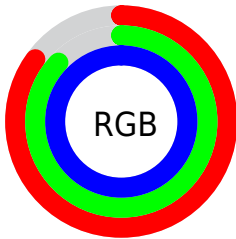
Format	Color
R _Y B	216, 221, 255
Decimal	14212863
CIE Lab	88.95, 4.47, -16.70
CIE LCh	89, 17.288, 284.990
Yxy	74.0615, 0.2881, 0.2943
Android (android.graphics.Color)	4292402943 (0xFFD8DEFF)
YUV	223.9680, 15.2988, -6.9879
Hunter-Lab	86.0590, -0.2241, -12.1603

Details

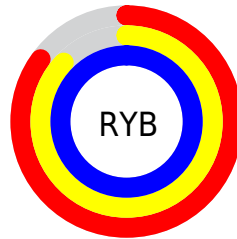
The Yxy color **74.0615, 0.2881, 0.2943** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.0063, 0.3366, 0.3615**, and the grayscale version is **74.4193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2917, 0.2826, 0.2869** is the 20% darker color. If you saturate the color by 10%, you get **59.7235, 0.2700, 0.2680**, and if you desaturate by 10%, it is **90.4780, 0.3047, 0.3178**.

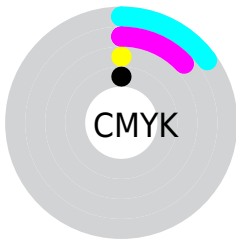
Distribution



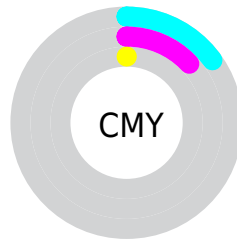
- Red (85%)
- Green (87%)
- Blue (100%)



- 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 74.0615, 0.2881, 0.2943 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 74.0615, 0.2881, 0.2943 by changing the saturation by 10% instead.

■ 74.0615, 0.2881,
0.2943

■ 74.0615, 0.2881,
0.2943

474.6856, 0.2994,
0.3101

■ 54.8444, 0.2855,
0.2908

124.9830, 0.2920,
0.2997

■ 39.2771, 0.2824,
0.2864

157.4561, 0.2936,
0.3018

■ 26.9754, 0.2784,
0.2810

195.1167, 0.2949,
0.3037

■ 17.5547, 0.2732,
0.2741

238.3492, 0.2960,
0.3053

■ 10.6308, 0.2661,
0.2647

287.5379, 0.2970,
0.3067

■ 5.8192, 0.2562,
0.2517

343.0673, 0.2979,

■ 2.7354, 0.2410,

0.3079

0.2323

405.3217, 0.2987,
0.3091

0.9952, 0.2154,
0.2005

0.0000, 0.0000,
0.0000

74.0615, 0.2881,
0.2943

74.0615, 0.2881,
0.2943

59.7235, 0.2700,
0.2680

90.4780, 0.3047,
0.3178

47.3737, 0.2506,
0.2391

100.0000, 0.3127,
0.3290

36.9258, 0.2304,
0.2082

28.2839, 0.2104,
0.1764

■ 21.3441, 0.1918,
0.1455

■ 15.9913, 0.1757,
0.1173

■ 12.0956, 0.1633,
0.0938

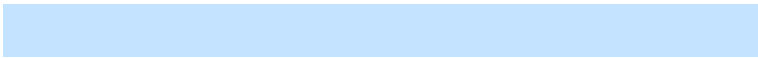
■ 9.5052, 0.1554,
0.0765

■ 8.6652, 0.1530,
0.0706

Harmonies

Analogous

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



74.0615, 0.2761, 0.2993



74.0615, 0.2881, 0.2943



74.0615, 0.3069, 0.2981

Triad

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



74.0615, 0.2881, 0.2943



74.0615, 0.3535, 0.3434



74.0615, 0.2970, 0.3498

Complementary

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



74.0615, 0.2881, 0.2943



94.0063, 0.3366, 0.3615

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.



74.0615, 0.3174, 0.3626



74.0615, 0.2881, 0.2943



74.0615, 0.3505, 0.3580

Square

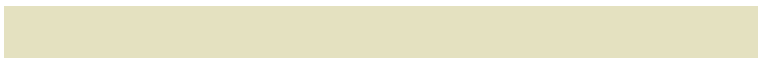
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0615, 0.2881, 0.2943



74.0615, 0.3452, 0.3258



74.0615, 0.3371, 0.3654



74.0615, 0.2811, 0.3311

Rectangle

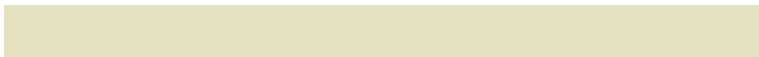
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0615, 0.2881, 0.2943



74.0615, 0.3211, 0.3050



74.0615, 0.3371, 0.3654



74.0615, 0.3035, 0.3550

Sweetspot

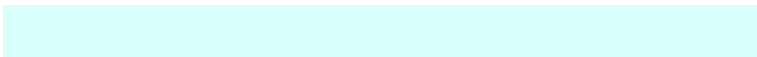
The Sweet Spot groups the original color and five complimentary colors.



74.0638, 0.2881, 0.2943



90.9606, 0.3051, 0.3184



92.9350, 0.2929, 0.3356



19.2067, 0.3040, 0.3168



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.



74.0638, 0.2881, 0.2943



69.9550, 0.2833, 0.2874



73.0190, 0.2965, 0.2889



17.8250, 0.2979, 0.3082



4.6604, 0.1535, 0.0724



0.5785, 0.1582, 0.0894

Inverse Universe

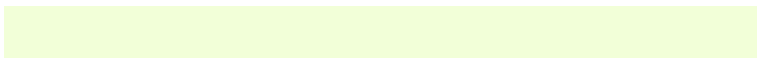
The Inverse Universe completely reimagines the original color for something new.



75.6692, 0.3373, 0.3231



71.8733, 0.3426, 0.3220



95.3603, 0.3273, 0.3681



18.0322, 0.3270, 0.3254



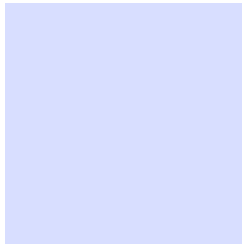
11.1984, 0.6193, 0.3185



1.1029, 0.5922, 0.3036

Previews

White Background



This preview shows how the Yxy color 74.0615, 0.2881, 0.2943 looks on a white background.

Color Contrast Check

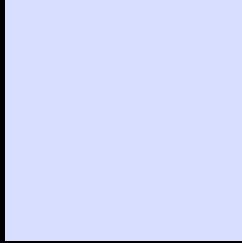
Large Text (above 18pt) WCAG AA × Fail

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 74.0615, 0.2881, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

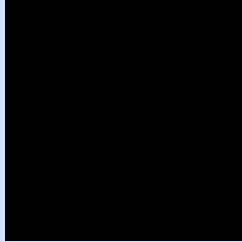
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0615, 0.2881, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 74.0615, 0.2881, 0.2943.

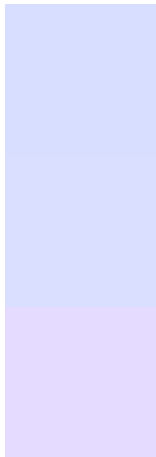


This preview shows how white text looks on a background with the Yxy color 74.0615, 0.2881, 0.2943.

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

74.0615, 0.2881, 0.2943

Protanopia

74.3680, 0.2894, 0.2945

Deuteranopia

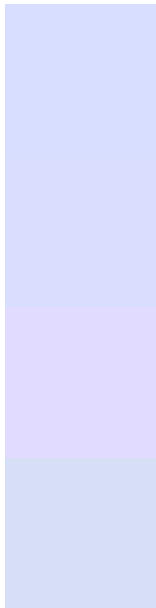
74.0208, 0.2965, 0.2910



Tritanopia

74.0183, 0.2946, 0.3097

Trichromacy



Original Color

74.0615, 0.2881, 0.2943

Protanomaly

74.2143, 0.2887, 0.2944

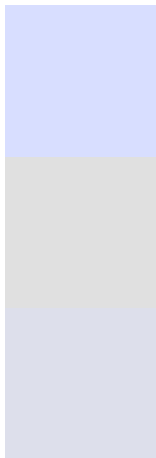
Deuteranomaly

73.7303, 0.2932, 0.2917

Tritanomaly

73.9378, 0.2922, 0.3035

Monochromacy



Original Color

74.0615, 0.2881, 0.2943

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.1457, 0.3036, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0615, 0.2881, 0.2943 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, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 222, 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, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 222, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.0615, 0.2881, 0.2943 is called "border". The border property can be set on classes, ids or directly on the HTML element.

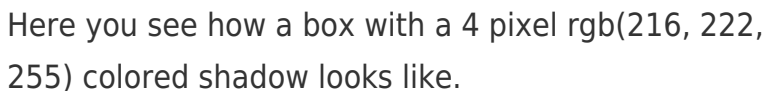
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 222, 255) }
```

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

```
.border{ border-color:rgb(216, 222, 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, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 222, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 222, 255); box-shadow:4px 4px 4px 4px rgb(216, 222, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0615, 0.2881, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 222, 255) }
```

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

```
.background{ background-color: rgb(216,  
222, 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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