

Converting Colors

$Yxy(70.2811, 0.2840, 0.3025)$

Have a look what the booklet for
Yxy(70.2811, 0.2840, 0.3025)
contains.

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Color

Yxy(69.9974, 0.2841, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	C8DCF4
RGB	200, 220, 244
RGB Percent	78%, 86%, 96%
CMY	0.2158, 0.1372, 0.0430
CMYK	0.18, 0.10, 0.00, 0.04
HSL	213°, 67%, 87%
HSV	213°, 18%, 96%
XYZ	65.7397, 69.9974, 95.6593
YIQ	216.7560, -19.6240, 3.2240

Conversions

Conversions Part 2

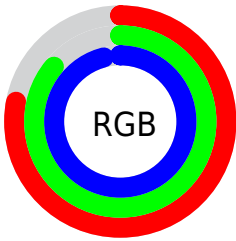
Format	Color
R _Y B	200, 214, 244
Decimal	13163764
CIE Lab	87.00, -1.77, -13.97
CIE LCh	87, 14.084, 262.798
Yxy	69.9974, 0.2841, 0.3025
Android (android.graphics.Color)	4291353844 (0xFFC8DCF4)
YUV	216.7560, 13.4313, -14.6950
Hunter-Lab	83.6644, -6.1556, -9.2252

Details

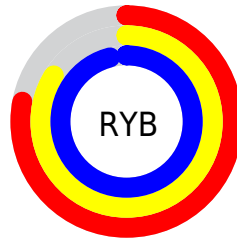
The Yxy color **69.9974, 0.2841, 0.3025** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.7177, 0.3434, 0.3541**, and the grayscale version is **69.1284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6521, 0.2776, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **60.1953, 0.2674, 0.2855**, and if you desaturate by 10%, it is **80.8974, 0.3003, 0.3178**.

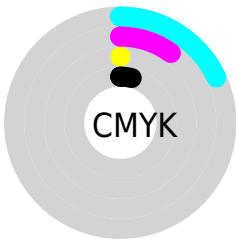
Distribution



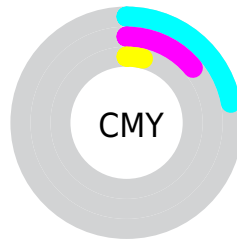
- Red (78%)
- Green (86%)
- Blue (96%)



- Red (78%)
- Yellow (84%)
- Blue (96%)



- Cyan (18%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (22%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9974, 0.2841, 0.3025 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 69.9974, 0.2841, 0.3025 by changing the saturation by 10% instead.

■ 69.9974, 0.2841,
0.3025

■ 69.9974, 0.2841,
0.3025

460.5409, 0.2973,
0.3148

■ 51.5244, 0.2811,
0.2997

119.2050, 0.2887,
0.3068

■ 36.6261, 0.2774,
0.2962

150.7085, 0.2905,
0.3085

■ 24.9182, 0.2726,
0.2917

187.3242, 0.2920,
0.3099

■ 16.0161, 0.2665,
0.2859

229.4366, 0.2934,
0.3111

■ 9.5355, 0.2581,
0.2780

277.4301, 0.2945,
0.3122

■ 5.0921, 0.2462,
0.2666

331.6890, 0.2956,

■ 2.3014, 0.2277,

0.3132

0.2488

392.5978, 0.2965,
0.3141

0.7745, 0.1943,
0.2172

0.0000, 0.0000,
0.0000

69.9974, 0.2841,
0.3025

69.9974, 0.2841,
0.3025

60.1953, 0.2674,
0.2855

80.8974, 0.3003,
0.3178

51.4443, 0.2505,
0.2669

92.9229, 0.3156,
0.3315

43.7065, 0.2339,
0.2470

99.3137, 0.3191,
0.3395

36.9379, 0.2180,
0.2260

■ 31.0907, 0.2035,
0.2045

■ 26.1120, 0.1910,
0.1832

■ 21.9411, 0.1810,
0.1626

■ 18.4998, 0.1735,
0.1436

■ 17.8963, 0.1722,
0.1400

Harmonies

Analogous

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



69.9974, 0.2798, 0.3120



69.9974, 0.2841, 0.3025



69.9974, 0.2959, 0.3002

Triad

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



69.9974, 0.2841, 0.3025



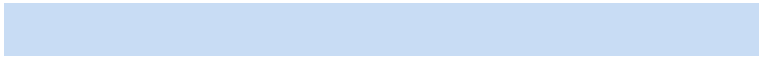
69.9974, 0.3423, 0.3303



69.9974, 0.3122, 0.3546

Complementary

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



69.9974, 0.2841, 0.3025



76.7177, 0.3434, 0.3541

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.



69.9974, 0.3291, 0.3593



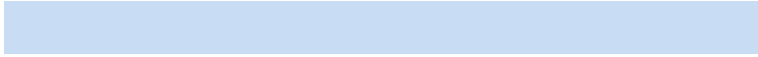
69.9974, 0.2841, 0.3025



69.9974, 0.3468, 0.3447

Square

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



69.9974, 0.2841, 0.3025



69.9974, 0.3296, 0.3160



69.9974, 0.3419, 0.3554



69.9974, 0.2957, 0.3424

Rectangle

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



69.9974, 0.2841, 0.3025



69.9974, 0.3067, 0.3027



69.9974, 0.3419, 0.3554



69.9974, 0.3180, 0.3572

Sweetspot

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



70.0003, 0.2841, 0.3025



93.3058, 0.3050, 0.3222



82.3502, 0.2969, 0.3515



19.7754, 0.3039, 0.3212



0.0000, 0.0000, 0.0000



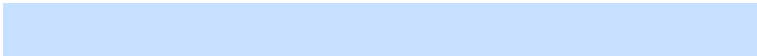
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.0003, 0.2841, 0.3025



72.8809, 0.2775, 0.2959



60.3084, 0.2839, 0.2798



17.1681, 0.2980, 0.3157



9.9935, 0.1730, 0.1429



1.0810, 0.1797, 0.1667

Inverse Universe

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



65.7027, 0.3324, 0.3081



67.4650, 0.3378, 0.3032



87.8675, 0.3389, 0.3741



16.6078, 0.3222, 0.3183



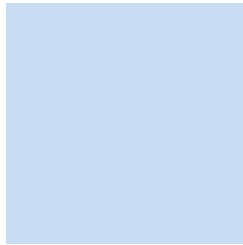
11.1082, 0.5152, 0.2612



0.9968, 0.4847, 0.2444

Previews

White Background



This preview shows how the Yxy color 69.9974, 0.2841, 0.3025 looks on a white background.

Color Contrast Check

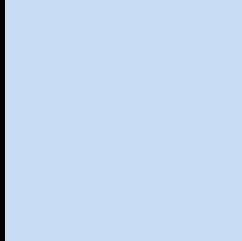
Large Text (above 18pt) WCAG AA × Fail

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 69.9974, 0.2841, 0.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

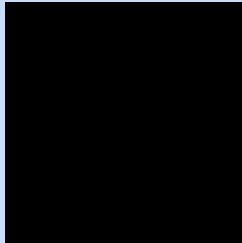
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

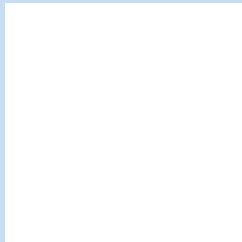
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.9974, 0.2841, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 69.9974, 0.2841, 0.3025.

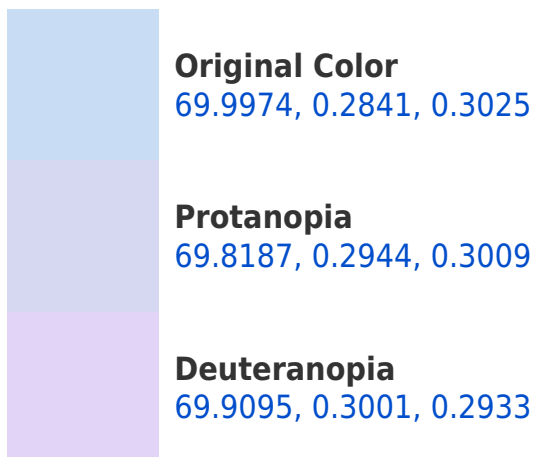


This preview shows how white text looks on a background with the Yxy color 69.9974, 0.2841, 0.3025.

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

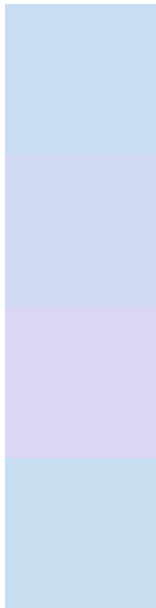




Tritanopia

70.0281, 0.2871, 0.3101

Trichromacy



Original Color

69.9974, 0.2841, 0.3025

Protanomaly

69.6521, 0.2905, 0.3007

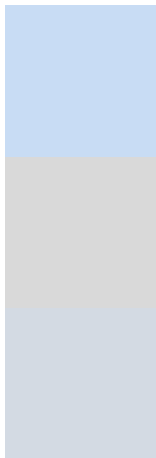
Deuteranomaly

69.9452, 0.2946, 0.2969

Tritanomaly

70.1463, 0.2859, 0.3079

Monochromacy



Original Color

69.9974, 0.2841, 0.3025

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.5377, 0.3019, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9974, 0.2841, 0.3025 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(200, 220, 244)` looks like.

```
.text, #text, p{  
    color:rgb(200, 220, 244)  
}
```

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(200, 220, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 220, 244) }
```

Border

The CSS property to change the border of an element to Yxy 69.9974, 0.2841, 0.3025 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(200, 220, 244) }
```

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

```
.border{ border-color:rgb(200, 220, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 220, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 220, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 220, 244);  
box-shadow:4px 4px 4px 4px rgb(200, 220,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9974, 0.2841, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 220, 244) }
```

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

```
.background{ background-color: rgb(200,  
220, 244) }
```

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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