

Converting Colors

$Yxy(74.2823, 0.2998, 0.3109)$

Have a look what the booklet for
Yxy(74.2823, 0.2998, 0.3109)
contains.

Yxy(74.2823, 0.2998, 0.3109)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.2823, 0.2998, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	DCDFF0
RGB	220, 223, 240
RGB Percent	86%, 87%, 94%
CMY	0.1373, 0.1255, 0.0587
CMYK	0.08, 0.07, 0.00, 0.06
HSL	231°, 40%, 90%
HSV	231°, 8%, 94%
XYZ	71.6302, 74.2823, 93.0142
YIQ	224.0410, -7.2450, 4.6510

Conversions

Conversions Part 2

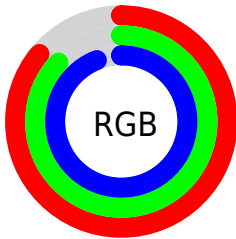
Format	Color
R _{YB}	220, 223, 240
Decimal	14475248
CIE Lab	89.06, 2.19, -8.64
CIE LCh	89, 8.911, 284.196
Yxy	74.2823, 0.2998, 0.3109
Android (android.graphics.Color)	4292665328 (0xFFDCDFF0)
YUV	224.0410, 7.8678, -3.5440
Hunter-Lab	86.1872, -2.4761, -3.6554

Details

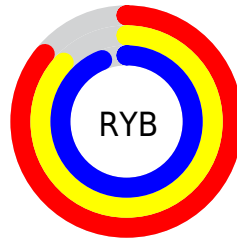
The Yxy color **74.2823, 0.2998, 0.3109** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.2641, 0.3254, 0.3465**, and the grayscale version is **74.5201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4653, 0.2968, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **60.5599, 0.2828, 0.2866**, and if you desaturate by 10%, it is **89.8601, 0.3151, 0.3324**.

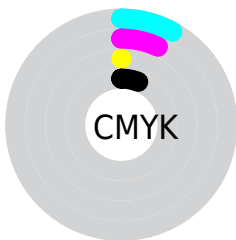
Distribution



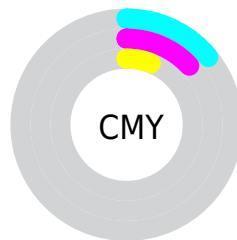
- Red (86%)
- Green (87%)
- Blue (94%)



- Red (86%)
- Yellow (87%)
- Blue (94%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2823, 0.2998, 0.3109 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 74.2823, 0.2998, 0.3109 by changing the saturation by 10% instead.

■ 74.2823, 0.2998,
0.3109

■ 74.2823, 0.2998,
0.3109

475.4471, 0.3058,
0.3192

■ 55.0251, 0.2984,
0.3090

125.2959, 0.3019,
0.3138

■ 39.4218, 0.2968,
0.3067

157.8211, 0.3027,
0.3149

■ 27.0880, 0.2946,
0.3038

195.5378, 0.3034,
0.3158

■ 17.6394, 0.2919,
0.3000

238.8304, 0.3040,
0.3167

■ 10.6914, 0.2881,
0.2949

288.0832, 0.3045,
0.3174

■ 5.8597, 0.2827,
0.2876

343.6806, 0.3050,

■ 2.7600, 0.2743,

0.3181

0.2764

406.0072, 0.3054,
0.3187

■ 1.0077, 0.2594,
0.2570

■ 0.0000, 0.0000,
0.0000

■ 74.2823, 0.2998,
0.3109

■ 74.2823, 0.2998,
0.3109

■ 60.5599, 0.2828,
0.2866

■ 89.8601, 0.3151,
0.3324

■ 48.6142, 0.2643,
0.2595

■ 99.0724, 0.3214,
0.3434

■ 38.3750, 0.2446,
0.2299

■ 29.7635, 0.2245,
0.1987

■ 22.6949, 0.2048,
0.1670

■ 17.0763, 0.1868,
0.1367

■ 12.8046, 0.1717,
0.1097

■ 9.7627, 0.1606,
0.0880

■ 7.8047, 0.1538,
0.0727

Harmonies

Analogous

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



74.2823, 0.2935, 0.3139



74.2823, 0.2998, 0.3109



74.2823, 0.3096, 0.3127

Triad

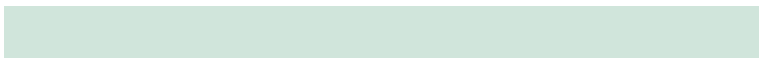
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2823, 0.2998, 0.3109



74.2823, 0.3336, 0.3365



74.2823, 0.3049, 0.3398

Complementary

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



74.2823, 0.2998, 0.3109



84.2641, 0.3254, 0.3465

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.



74.2823, 0.3156, 0.3461



74.2823, 0.2998, 0.3109



74.2823, 0.3322, 0.3440

Square

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



74.2823, 0.2998, 0.3109



74.2823, 0.3292, 0.3272



74.2823, 0.3256, 0.3476



74.2823, 0.2965, 0.3305

Rectangle

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



74.2823, 0.2998, 0.3109



74.2823, 0.3168, 0.3162



74.2823, 0.3256, 0.3476



74.2823, 0.3084, 0.3423

Sweetspot

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



74.2854, 0.2998, 0.3109



94.5022, 0.3082, 0.3227



83.6409, 0.3018, 0.3325



19.9200, 0.3070, 0.3210



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.



74.2854, 0.2998, 0.3109



82.4322, 0.2970, 0.3070



73.7496, 0.3044, 0.3079



15.6131, 0.2980, 0.3083



4.2586, 0.1535, 0.0725



0.4700, 0.1590, 0.0925

Inverse Universe

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



75.0373, 0.3251, 0.3259



83.4785, 0.3279, 0.3253



84.8792, 0.3206, 0.3498



15.7977, 0.3270, 0.3255



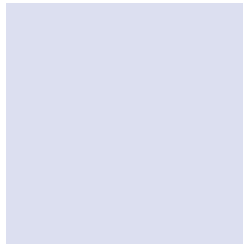
10.2233, 0.6192, 0.3184



0.8622, 0.5873, 0.3009

Previews

White Background



This preview shows how the Yxy color 74.2823, 0.2998, 0.3109 looks on a white background.

Color Contrast Check

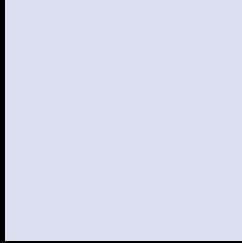
Large Text (above 18pt) WCAG AA × Fail

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 74.2823, 0.2998, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

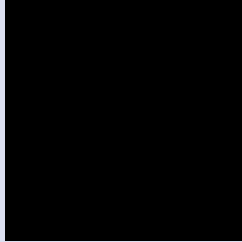
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

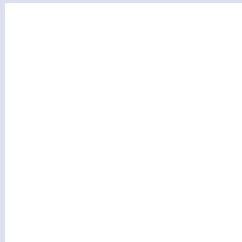
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2823, 0.2998, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 74.2823, 0.2998, 0.3109.

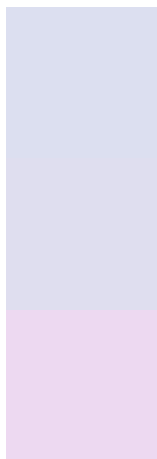


This preview shows how white text looks on a background with the Yxy color 74.2823, 0.2998, 0.3109.

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

74.2823, 0.2998, 0.3109

Protanopia

74.1625, 0.3025, 0.3110

Deuteranopia

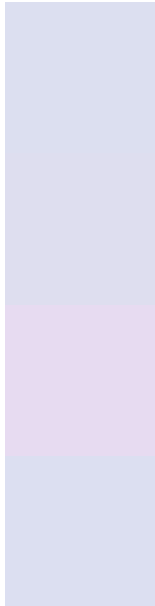
73.9811, 0.3110, 0.3043



Tritanopia

74.3419, 0.2992, 0.3099

Trichromacy



Original Color

74.2823, 0.2998, 0.3109

Protanomaly

74.0041, 0.3018, 0.3110

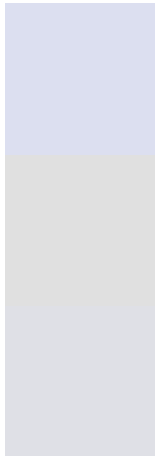
Deuteranomaly

74.0028, 0.3068, 0.3061

Tritanomaly

74.3419, 0.2992, 0.3099

Monochromacy



Original Color

74.2823, 0.2998, 0.3109

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.7125, 0.3082, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2823, 0.2998, 0.3109 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(220, 223, 240)` looks like.

```
.text, #text, p{  
    color:rgb(220, 223, 240)  
}
```

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(220, 223, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 223, 240) }
```

Border

The CSS property to change the border of an element to Yxy 74.2823, 0.2998, 0.3109 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(220, 223, 240) }
```

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

```
.border{ border-color:rgb(220, 223, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 223, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 223, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 223, 240);  
box-shadow:4px 4px 4px 4px rgb(220, 223,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2823, 0.2998, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 223, 240) }
```

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

```
.background{ background-color: rgb(220,  
223, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor