

Converting Colors

$Yxy(74.3757, 0.2909, 0.3090)$

Have a look what the booklet for
Yxy(74.3757, 0.2909, 0.3090)
contains.

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Color

Yxy(74.0837, 0.2908, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	D2E1F4
RGB	210, 225, 244
RGB Percent	82%, 88%, 96%
CMY	0.1765, 0.1176, 0.0430
CMYK	0.14, 0.08, 0.00, 0.04
HSL	214°, 61%, 89%
HSV	214°, 14%, 96%
XYZ	69.8332, 74.0837, 96.2248
YIQ	222.6810, -15.0390, 2.7290

Conversions

Conversions Part 2

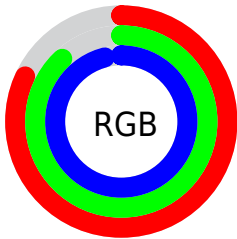
Format	Color
R _Y B	210, 220, 244
Decimal	13820404
CIE Lab	88.96, -1.25, -10.96
CIE LCh	89, 11.030, 263.503
Yxy	74.0837, 0.2908, 0.3085
Android (android.graphics.Color)	4292010484 (0xFFD2E1F4)
YUV	222.6810, 10.5103, -11.1212
Hunter-Lab	86.0719, -5.8024, -6.0334

Details

The Yxy color **74.0837, 0.2908, 0.3085** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.9345, 0.3358, 0.3487**, and the grayscale version is **73.4875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3489, 0.2854, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **63.6925, 0.2742, 0.2918**, and if you desaturate by 10%, it is **85.6161, 0.3067, 0.3235**.

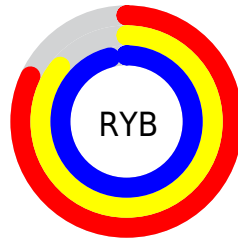
Distribution



Red (82%)

Green (88%)

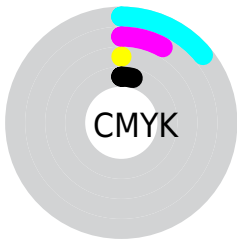
Blue (96%)



Red (82%)

Yellow (86%)

Blue (96%)

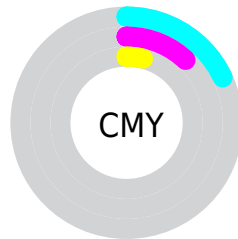


Cyan (14%)

Magenta (8%)

Yellow (0%)

Black (4%)



Cyan (18%)

Magenta (12%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0837, 0.2908, 0.3085 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 74.0837, 0.2908, 0.3085 by changing the saturation by 10% instead.

■ 74.0837, 0.2908,
0.3085

■ 74.0837, 0.2908,
0.3085

474.7622, 0.3009,
0.3180

■ 54.8625, 0.2885,
0.3064

125.0145, 0.2943,
0.3118

■ 39.2917, 0.2857,
0.3037

157.4928, 0.2956,
0.3130

■ 26.9867, 0.2822,
0.3003

195.1591, 0.2968,
0.3141

■ 17.5632, 0.2776,
0.2960

238.3976, 0.2978,
0.3151

■ 10.6369, 0.2714,
0.2901

287.5928, 0.2987,
0.3159

■ 5.8232, 0.2625,
0.2816

343.1290, 0.2995,

■ 2.7379, 0.2489,

0.3167

0.2685

405.3907, 0.3002,
0.3174

0.9965, 0.2256,
0.2458

0.0000, 0.0000,
0.0000

74.0837, 0.2908,
0.3085

74.0837, 0.2908,
0.3085

63.6925, 0.2742,
0.2918

85.6161, 0.3067,
0.3235

54.3948, 0.2573,
0.2733

97.5896, 0.3193,
0.3369

46.1532, 0.2403,
0.2534

99.3131, 0.3191,
0.3395

38.9239, 0.2239,
0.2323

■ 32.6597, 0.2086,
0.2104

■ 27.3086, 0.1950,
0.1884

■ 22.8123, 0.1837,
0.1670

■ 19.1023, 0.1751,
0.1470

■ 17.1850, 0.1710,
0.1357

Harmonies

Analogous

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



74.0837, 0.2873, 0.3158



74.0837, 0.2908, 0.3085



74.0837, 0.3001, 0.3067

Triad

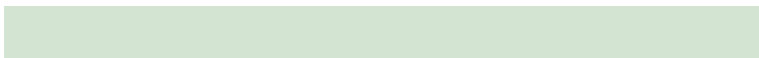
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0837, 0.2908, 0.3085



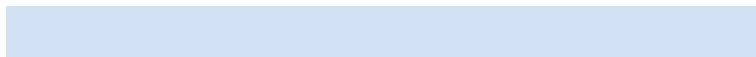
74.0837, 0.3355, 0.3304



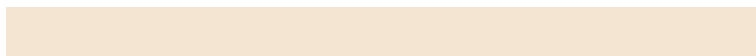
74.0837, 0.3120, 0.3484

Complementary

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



74.0837, 0.2908, 0.3085



79.9345, 0.3358, 0.3487

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.



74.0837, 0.3251, 0.3522



74.0837, 0.2908, 0.3085



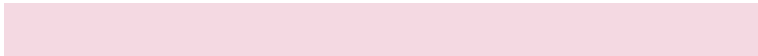
74.0837, 0.3388, 0.3414

Square

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



74.0837, 0.2908, 0.3085



74.0837, 0.3260, 0.3192



74.0837, 0.3350, 0.3495



74.0837, 0.2994, 0.3390

Rectangle

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



74.0837, 0.2908, 0.3085



74.0837, 0.3085, 0.3088



74.0837, 0.3350, 0.3495



74.0837, 0.3165, 0.3504

Sweetspot

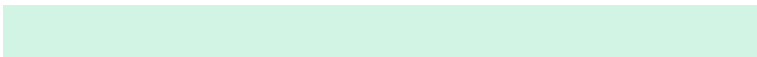
The Sweet Spot groups the original color and five complimentary colors.



74.0868, 0.2908, 0.3085



94.5334, 0.3066, 0.3234



84.0571, 0.3001, 0.3454



20.0190, 0.3054, 0.3224



0.0000, 0.0000, 0.0000



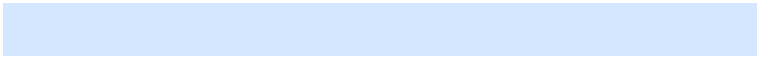
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0868, 0.2908, 0.3085



78.1905, 0.2857, 0.3035



66.5738, 0.2914, 0.2920



17.1299, 0.2980, 0.3154



9.6044, 0.1719, 0.1386



1.0454, 0.1785, 0.1627

Inverse Universe

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



70.7630, 0.3276, 0.3135



73.9289, 0.3315, 0.3099



88.3028, 0.3325, 0.3637



16.6040, 0.3224, 0.3186



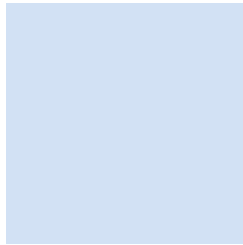
11.0689, 0.5209, 0.2643



0.9932, 0.4897, 0.2471

Previews

White Background



This preview shows how the Yxy color 74.0837, 0.2908, 0.3085 looks on a white background.

Color Contrast Check

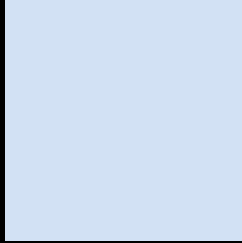
Large Text (above 18pt) WCAG AA × Fail

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 74.0837, 0.2908, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

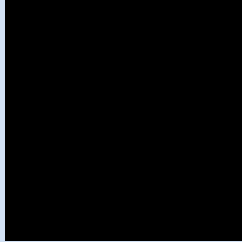
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

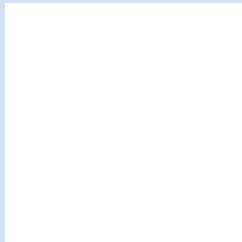
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0837, 0.2908, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 74.0837, 0.2908, 0.3085.

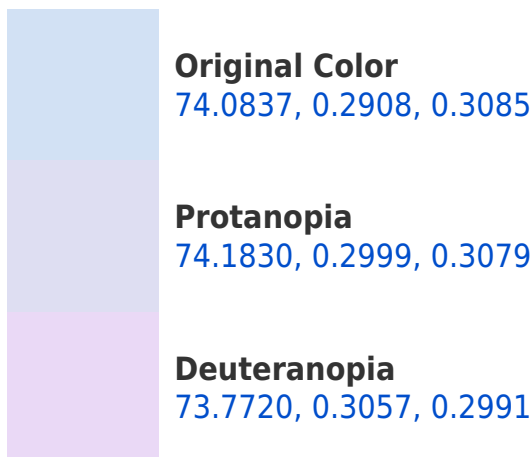


This preview shows how white text looks on a background with the Yxy color 74.0837, 0.2908, 0.3085.

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

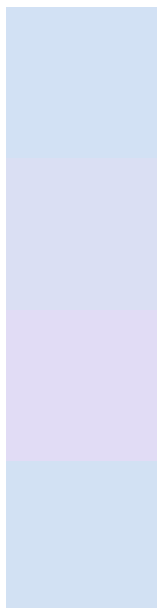




Tritanopia

74.0231, 0.2914, 0.3096

Trichromacy



Original Color

74.0837, 0.2908, 0.3085

Protanomaly

74.1518, 0.2966, 0.3077

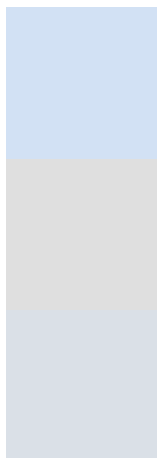
Deuteranomaly

73.7865, 0.3001, 0.3028

Tritanomaly

74.0231, 0.2914, 0.3096

Monochromacy



Original Color

74.0837, 0.2908, 0.3085

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.9863, 0.3041, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0837, 0.2908, 0.3085 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(210, 225, 244)` looks like.

```
.text, #text, p{  
    color:rgb(210, 225, 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(210, 225, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 225, 244) }
```

Border

The CSS property to change the border of an element to Yxy 74.0837, 0.2908, 0.3085 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(210, 225, 244) }
```

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

```
.border{ border-color:rgb(210, 225, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 225, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 225, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 225, 244);  
box-shadow:4px 4px 4px 4px rgb(210, 225,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0837, 0.2908, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 225, 244) }
```

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

```
.background{ background-color: rgb(210,  
225, 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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