

Converting Colors

$Yxy(73.8703, 0.2854, 0.3147)$

Have a look what the booklet for
Yxy(73.8703, 0.2854, 0.3147)
contains.

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Color

Yxy(73.8434, 0.2851, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	C6E4F1
RGB	198, 228, 241
RGB Percent	78%, 89%, 95%
CMY	0.2234, 0.1059, 0.0548
CMYK	0.18, 0.05, 0.00, 0.05
HSL	198°, 61%, 86%
HSV	198°, 18%, 95%
XYZ	66.9191, 73.8434, 93.9590
YIQ	220.5120, -22.0530, -2.3170

Conversions

Conversions Part 2

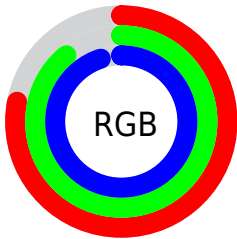
Format	Color
R_{YB}	198, 216, 241
Decimal	13034737
CIE _{Lab}	88.85, -7.12, -9.64
CIE _{LCh}	89, 11.984, 233.528
Y _{xy}	73.8434, 0.2851, 0.3146
Android (android.graphics.Color)	4291224817 (0xFFC6E4F1)
Y _{UV}	220.5120, 10.1006, -19.7430
Hunter-Lab	85.9322, -11.3756, -4.6757

Details

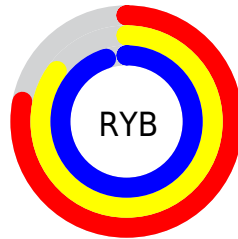
The Yxy color **73.8434, 0.2851, 0.3146** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.4057, 0.3449, 0.3430**, and the grayscale version is **71.8931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3192, 0.2790, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **66.8920, 0.2698, 0.3054**, and if you desaturate by 10%, it is **81.4919, 0.3006, 0.3230**.

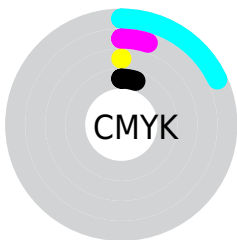
Distribution



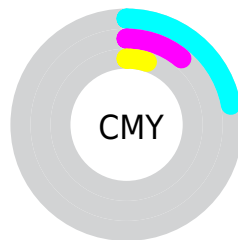
- Red (78%)
- Green (89%)
- Blue (95%)



- Red (78%)
- Yellow (85%)
- Blue (95%)



- Cyan (18%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (22%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8434, 0.2851, 0.3146 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 73.8434, 0.2851, 0.3146 by changing the saturation by 10% instead.

■ 73.8434, 0.2851,
0.3146

■ 73.8434, 0.2851,
0.3146

473.9327, 0.2977,
0.3214

■ 54.6659, 0.2822,
0.3130

124.6738, 0.2895,
0.3170

■ 39.1343, 0.2787,
0.3111

157.0954, 0.2912,
0.3179

■ 26.8642, 0.2743,
0.3086

194.7006, 0.2926,
0.3187

■ 17.4713, 0.2686,
0.3053

237.8737, 0.2939,
0.3193

■ 10.5711, 0.2609,
0.3009

286.9990, 0.2950,
0.3199

■ 5.7792, 0.2499,
0.2943

342.4610, 0.2960,

■ 2.7113, 0.2332,

0.3205

0.2839

404.6441, 0.2969,
0.3209

0.9829, 0.2042,
0.2651

0.0000, 0.0000,
0.0000

73.8434, 0.2851,
0.3146

73.8434, 0.2851,
0.3146

66.8920, 0.2698,
0.3054

81.4919, 0.3006,
0.3230

60.6019, 0.2551,
0.2955

89.8533, 0.3160,
0.3306

54.9476, 0.2413,
0.2849

95.9263, 0.3212,
0.3376

49.8976, 0.2287,
0.2738

99.1320, 0.3208,
0.3424

■ 45.4177, 0.2178,
0.2623

■ 41.4690, 0.2088,
0.2507

■ 38.0058, 0.2019,
0.2391

■ 34.9674, 0.1969,
0.2277

■ 34.3453, 0.1959,
0.2252

Harmonies

Analogous

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



73.8434, 0.2885, 0.3268



73.8434, 0.2851, 0.3146



73.8434, 0.2889, 0.3067

Triad

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



73.8434, 0.2851, 0.3146



73.8434, 0.3272, 0.3184



73.8434, 0.3261, 0.3543

Complementary

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



73.8434, 0.2851, 0.3146



69.4057, 0.3449, 0.3430

Split Complementary

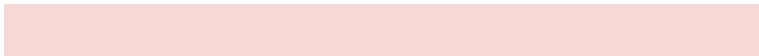
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8434, 0.3369, 0.3513



73.8434, 0.2851, 0.3146



73.8434, 0.3376, 0.3305

Square

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



73.8434, 0.2851, 0.3146



73.8434, 0.3130, 0.3091



73.8434, 0.3411, 0.3425



73.8434, 0.3120, 0.3501

Rectangle

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



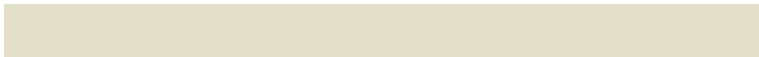
73.8434, 0.2851, 0.3146



73.8434, 0.2951, 0.3047



73.8434, 0.3411, 0.3425



73.8434, 0.3303, 0.3540

Sweetspot

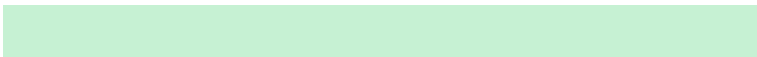
The Sweet Spot groups the original color and five complimentary colors.



73.8464, 0.2851, 0.3146



95.2206, 0.3050, 0.3252



79.6333, 0.3029, 0.3626



20.2409, 0.3039, 0.3247



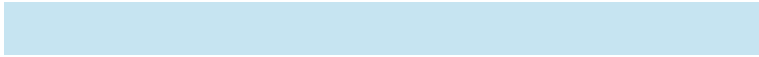
0.0000, 0.0000, 0.0000



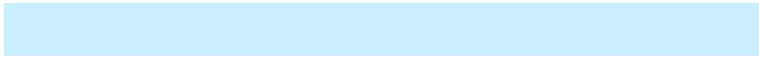
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8464, 0.2851, 0.3146



81.2980, 0.2801, 0.3117



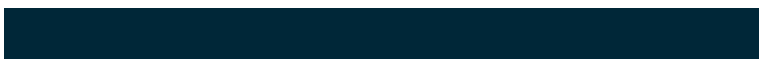
62.8137, 0.2838, 0.2903



17.0731, 0.2981, 0.3217



18.8697, 0.1964, 0.2271



1.7439, 0.2006, 0.2421

Inverse Universe

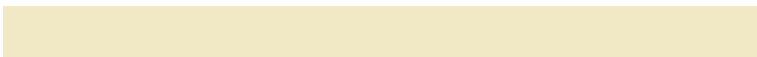
The Inverse Universe completely reimagines the original color for something new.



64.7126, 0.3243, 0.2977



69.4618, 0.3268, 0.2918



80.7353, 0.3410, 0.3649



15.9450, 0.3184, 0.3127



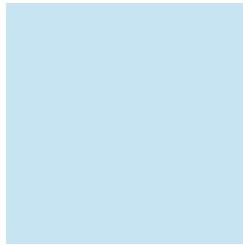
11.6983, 0.4157, 0.2064



0.9908, 0.4002, 0.1978

Previews

White Background



This preview shows how the Yxy color 73.8434, 0.2851, 0.3146 looks on a white background.

Color Contrast Check

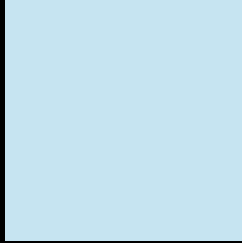
Large Text (above 18pt) WCAG AA × Fail

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 73.8434, 0.2851, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

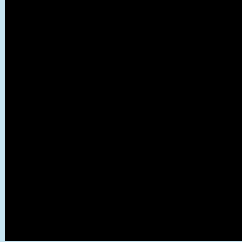
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

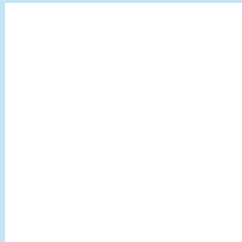
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8434, 0.2851, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 73.8434, 0.2851, 0.3146.



This preview shows how white text looks on a background with the Yxy color 73.8434, 0.2851, 0.3146.

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

73.8434, 0.2851, 0.3146

Protanopia

73.5153, 0.3038, 0.3120

Deuteranopia

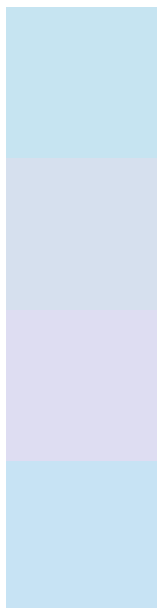
73.7589, 0.3083, 0.3022



Tritanopia

73.6729, 0.2834, 0.3093

Trichromacy



Original Color

73.8434, 0.2851, 0.3146

Protanomaly

73.7805, 0.2970, 0.3139

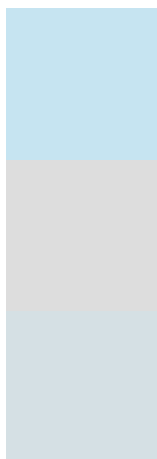
Deuteranomaly

73.6533, 0.2999, 0.3068

Tritanomaly

73.6119, 0.2839, 0.3103

Monochromacy



Original Color

73.8434, 0.2851, 0.3146

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.0589, 0.3026, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8434, 0.2851, 0.3146 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(198, 228, 241)` looks like.

```
.text, #text, p{  
    color:rgb(198, 228, 241)  
}
```

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(198, 228, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 228, 241) }
```

Border

The CSS property to change the border of an element to Yxy 73.8434, 0.2851, 0.3146 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(198, 228, 241) }
```

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

```
.border{ border-color:rgb(198, 228, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 228, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 228, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 228, 241);  
box-shadow:4px 4px 4px 4px rgb(198, 228,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8434, 0.2851, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 228, 241) }
```

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

```
.background{ background-color: rgb(198,  
228, 241) }
```

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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