

Converting Colors

$Yxy(74.8773, 0.2874, 0.3337)$

Have a look what the booklet for
Yxy(74.8773, 0.2874, 0.3337)
contains.

Yxy(74.8821, 0.2873, 0.3334)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.8821, 0.2873, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	BEE9E5
RGB	190, 233, 229
RGB Percent	75%, 91%, 90%
CMY	0.2547, 0.0863, 0.1019
CMYK	0.18, 0.00, 0.02, 0.09
HSL	174°, 49%, 83%
HSV	174°, 18%, 91%
XYZ	64.5280, 74.8821, 85.1913
YIQ	219.6870, -24.3440, -10.3600

Conversions

Conversions Part 2

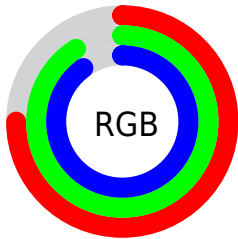
Format	Color
RYB	190, 213, 233
Decimal	12511717
CIELab	89.34, -14.59, -2.68
CIELCh	89, 14.838, 190.390
Yxy	74.8821, 0.2873, 0.3334
Android (android.graphics.Color)	4290701797 (0xFFBEE9E5)
YUV	219.6870, 4.5913, -26.0355
Hunter-Lab	86.5344, -18.3294, 2.2044

Details

The Yxy color **74.8821, 0.2873, 0.3334** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.0688, 0.3454, 0.3247**, and the grayscale version is **71.3295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **39.7345, 0.2812, 0.3334** is the 20% darker color. If you saturate the color by 10%, you get **72.0001, 0.2748, 0.3361**, and if you desaturate by 10%, it is **78.2514, 0.3008, 0.3309**.

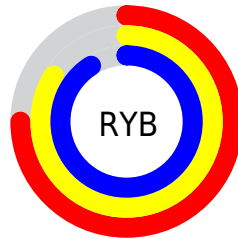
Distribution



Red (75%)

Green (91%)

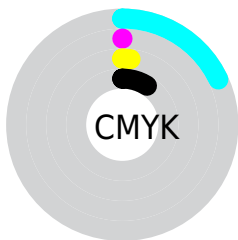
Blue (90%)



Red (75%)

Yellow (84%)

Blue (91%)

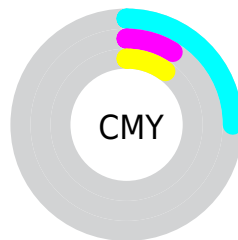


Cyan (18%)

Magenta (0%)

Yellow (2%)

Black (9%)



Cyan (25%)


Magenta (9%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8821, 0.2873, 0.3334 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 74.8821, 0.2873, 0.3334 by changing the saturation by 10% instead.


 74.8821, 0.2873,
0.3334

 74.8821, 0.2873,
0.3334

477.5122, 0.2989,
0.3315

 55.5163, 0.2847,
0.3338


 126.1455, 0.2913,
0.3327

 39.8152, 0.2814,
0.3343


158.8118, 0.2929,
0.3325

 27.3945, 0.2773,
0.3350


196.6805, 0.2942,
0.3323

 17.8697, 0.2720,
0.3357

240.1358, 0.2954,
0.3321

 10.8565, 0.2648,
0.3368

289.5623, 0.2965,
0.3319

 5.9704, 0.2546,
0.3381

345.3443, 0.2974,

 2.8271, 0.2389,

0.3317

0.3400

407.8661, 0.2982,
0.3316

1.0421, 0.2070,
0.3445

0.0000, 0.0000,
0.0000

74.8821, 0.2873,
0.3334

74.8821, 0.2873,
0.3334

72.0001, 0.2748,
0.3361

78.2514, 0.3008,
0.3309

69.5734, 0.2635,
0.3389


82.1199, 0.3150,
0.3287

67.5804, 0.2538,
0.3420


85.5596, 0.3261,
0.3266

65.9944, 0.2459,
0.3451


85.6854, 0.3247,
0.3245

 64.7853, 0.2398,
0.3482

 85.8128, 0.3233,
0.3224


 63.9193, 0.2357,
0.3514


 85.9417, 0.3220,
0.3203


 63.3561, 0.2335,
0.3546

 86.0721, 0.3206,
0.3182

 63.0378, 0.2329,
0.3578

 86.2040, 0.3192,
0.3161

 62.9971, 0.2329,
0.3583

 86.3375, 0.3178,
0.3140

Harmonies

Analogous

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



74.8821, 0.3018, 0.3488



74.8821, 0.2873, 0.3334



74.8821, 0.2796, 0.3172

Triad

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



74.8821, 0.2873, 0.3334



74.8821, 0.3051, 0.3015



74.8821, 0.3460, 0.3523

Complementary

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



74.8821, 0.2873, 0.3334



58.0688, 0.3454, 0.3247

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.



74.8821, 0.3471, 0.3392



74.8821, 0.2873, 0.3334



74.8821, 0.3231, 0.3104

Square

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



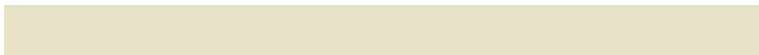
74.8821, 0.2873, 0.3334



74.8821, 0.2896, 0.2994



74.8821, 0.3386, 0.3240



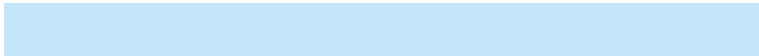
74.8821, 0.3358, 0.3596

Rectangle

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



74.8821, 0.2873, 0.3334



74.8821, 0.2791, 0.3084



74.8821, 0.3386, 0.3240



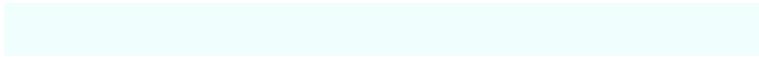
74.8821, 0.3475, 0.3484

Sweetspot

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



74.8852, 0.2873, 0.3334



97.1219, 0.3041, 0.3304



73.5086, 0.3132, 0.3789



20.7240, 0.3032, 0.3305



0.0000, 0.0000, 0.0000



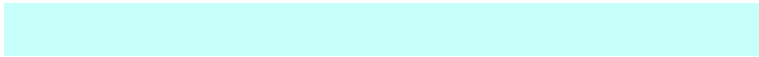
21.4041, 0.3127, 0.3290

Same Dimension

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



74.8852, 0.2873, 0.3334



90.5383, 0.2826, 0.3344



65.8545, 0.2840, 0.3093



17.0964, 0.2994, 0.3312



35.7586, 0.2327, 0.3578



2.8149, 0.2315, 0.3534

Inverse Universe

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



58.0688, 0.3454, 0.3247



66.4251, 0.3536, 0.3238



65.7789, 0.3453, 0.3479



15.0767, 0.3278, 0.3269



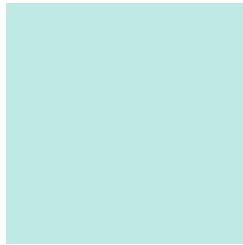
9.8695, 0.6294, 0.3241



0.7827, 0.6049, 0.3106

Previews

White Background



This preview shows how the Yxy color 74.8821, 0.2873, 0.3334 looks on a white background.

Color Contrast Check

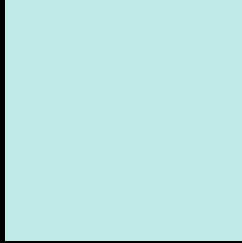
Large Text (above 18pt) WCAG AA × Fail

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 74.8821, 0.2873, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

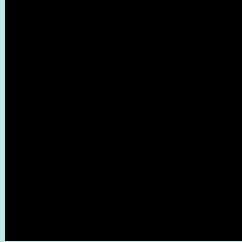
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

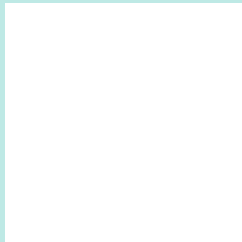
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8821, 0.2873, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 74.8821, 0.2873, 0.3334.

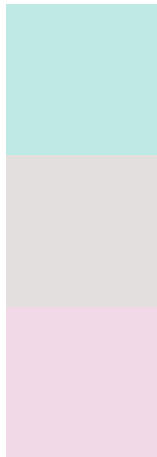


This preview shows how white text looks on a background with the Yxy color 74.8821, 0.2873, 0.3334.

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

74.8821, 0.2873, 0.3334

Protanopia

74.5970, 0.3162, 0.3290

Deuteranopia

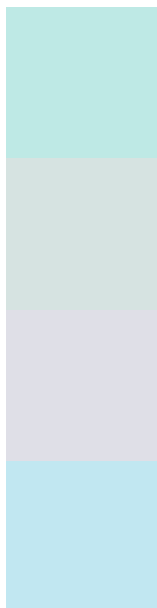
74.3291, 0.3206, 0.3136



Tritanopia

74.8403, 0.2788, 0.3092

Trichromacy



Original Color

74.8821, 0.2873, 0.3334

Protanomaly

74.6706, 0.3051, 0.3312

Deuteranomaly

74.2328, 0.3075, 0.3205

Tritanomaly

74.8402, 0.2822, 0.3179

Monochromacy



Original Color

74.8821, 0.2873, 0.3334

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.7335, 0.3030, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8821, 0.2873, 0.3334 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(190, 233, 229)` looks like.

```
.text, #text, p{  
    color:rgb(190, 233, 229)  
}
```

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(190, 233, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 233, 229) }
```

Border

The CSS property to change the border of an element to Yxy 74.8821, 0.2873, 0.3334 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(190, 233, 229) }
```

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

```
.border{ border-color:rgb(190, 233, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 233, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 233, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 233, 229);  
box-shadow:4px 4px 4px 4px rgb(190, 233,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8821, 0.2873, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 233, 229) }
```

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

```
.background{ background-color: rgb(190,  
233, 229) }
```

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