

Converting Colors

$Yxy(74.6685, 0.2874, 0.3345)$

Have a look what the booklet for
Yxy(74.6685, 0.2874, 0.3345)
contains.

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Color

Yxy(74.6981, 0.2872, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	BDE9E4
RGB	189, 233, 228
RGB Percent	74%, 91%, 89%
CMY	0.2591, 0.0862, 0.1059
CMYK	0.19, 0.00, 0.02, 0.09
HSL	173°, 50%, 83%
HSV	173°, 19%, 91%
XYZ	64.1162, 74.6981, 84.4316
YIQ	219.2740, -24.6190, -10.8830

Conversions

Conversions Part 2

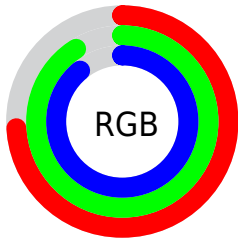
Format	Color
RYB	189, 212, 233
Decimal	12446180
CIELab	89.25, -15.16, -2.28
CIElCh	89, 15.329, 188.536
Yxy	74.6981, 0.2872, 0.3346
Android (android.graphics.Color)	4290636260 (0xFFBDE9E4)
YUV	219.2740, 4.3019, -26.5503
Hunter-Lab	86.4281, -18.8297, 2.5792

Details

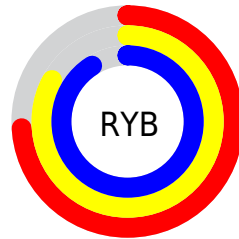
The Yxy color **74.6981, 0.2872, 0.3346** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.5895, 0.3456, 0.3235**, and the grayscale version is **71.0148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **39.6123, 0.2811, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **71.8115, 0.2750, 0.3379**, and if you desaturate by 10%, it is **78.0718, 0.3004, 0.3315**.

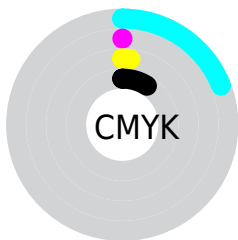
Distribution



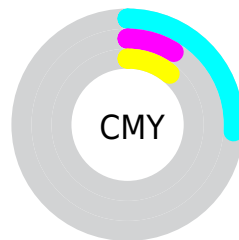
- Red (74%)
- Green (91%)
- Blue (89%)



- Red (74%)
- Yellow (83%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)





- Cyan (26%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6981, 0.2872, 0.3346 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 74.6981, 0.2872, 0.3346 by changing the saturation by 10% instead.

 74.6981, 0.2872,
0.3346

 74.6981, 0.2872,
0.3346

476.8793, 0.2989,
0.3321

 55.3656, 0.2846,
0.3351


 125.8849, 0.2912,
0.3338

 39.6945, 0.2813,
0.3358


158.5080, 0.2928,
0.3334

 27.3004, 0.2772,
0.3366


196.3301, 0.2942,
0.3331

 17.7990, 0.2718,
0.3377

239.7356, 0.2954,
0.3329

 10.8058, 0.2646,
0.3391

289.1089, 0.2964,
0.3326

 5.9364, 0.2543,
0.3410

344.8343, 0.2973,

 2.8064, 0.2384,

0.3324

0.3437

407.2963, 0.2982,
0.3323

1.0315, 0.2050,
0.3504

0.0000, 0.0000,
0.0000

74.6981, 0.2872,
0.3346

74.6981, 0.2872,
0.3346

71.8115, 0.2750,
0.3379

78.0718, 0.3004,
0.3315

69.3800, 0.2640,
0.3415


81.9446, 0.3142,
0.3287


67.3818, 0.2545,
0.3452


85.6032, 0.3258,
0.3261


65.7901, 0.2468,
0.3491

85.7587, 0.3241,
0.3235

 64.5746, 0.2410,
0.3531


 85.9166, 0.3224,
0.3210


 63.7012, 0.2372,
0.3571


 86.0768, 0.3207,
0.3184


 63.1294, 0.2352,
0.3611

 86.2394, 0.3190,
0.3158

 62.7975, 0.2348,
0.3650

 86.4043, 0.3173,
0.3133

 62.7671, 0.2348,
0.3654

 86.5715, 0.3156,
0.3107

Harmonies

Analogous

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



74.6981, 0.3025, 0.3503



74.6981, 0.2872, 0.3346



74.6981, 0.2787, 0.3178

Triad

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



74.6981, 0.2872, 0.3346



74.6981, 0.3037, 0.3002



74.6981, 0.3475, 0.3524

Complementary

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



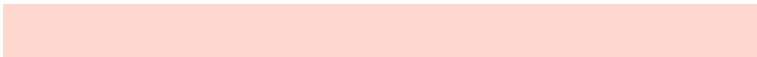
74.6981, 0.2872, 0.3346



57.5895, 0.3456, 0.3235

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.



74.6981, 0.3480, 0.3386



74.6981, 0.2872, 0.3346



74.6981, 0.3223, 0.3090

Square

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



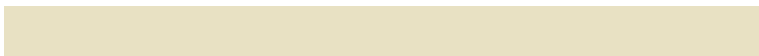
74.6981, 0.2872, 0.3346



74.6981, 0.2880, 0.2985



74.6981, 0.3387, 0.3229



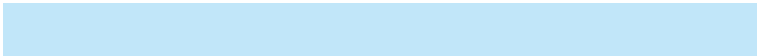
74.6981, 0.3375, 0.3604

Rectangle

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



74.6981, 0.2872, 0.3346



74.6981, 0.2779, 0.3084



74.6981, 0.3387, 0.3229



74.6981, 0.3488, 0.3482

Sweetspot

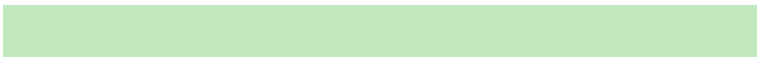
The Sweet Spot groups the original color and five complimentary colors.



74.7012, 0.2872, 0.3346



97.1009, 0.3043, 0.3307



73.4407, 0.3137, 0.3803



20.7190, 0.3034, 0.3309



0.0000, 0.0000, 0.0000



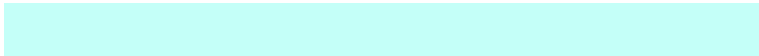
21.4041, 0.3127, 0.3290

Same Dimension

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



74.7012, 0.2872, 0.3346



90.0995, 0.2819, 0.3360



65.8698, 0.2832, 0.3096



17.0906, 0.2996, 0.3317



35.6203, 0.2347, 0.3648



2.8055, 0.2331, 0.3593

Inverse Universe

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



57.5895, 0.3456, 0.3235



65.2115, 0.3550, 0.3222



65.0625, 0.3464, 0.3477



15.0820, 0.3275, 0.3263



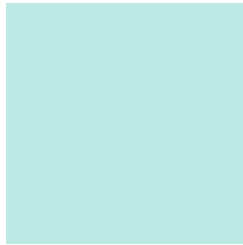
9.8826, 0.6260, 0.3222



0.7853, 0.5974, 0.3065

Previews

White Background



This preview shows how the Yxy color 74.6981, 0.2872, 0.3346 looks on a white background.

Color Contrast Check

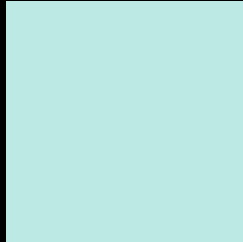
Large Text (above 18pt) WCAG AA × Fail

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 74.6981, 0.2872, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

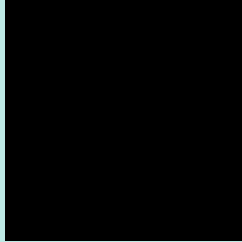
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

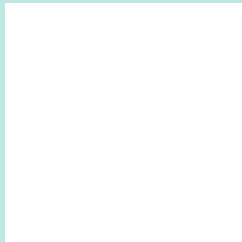
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6981, 0.2872, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 74.6981, 0.2872, 0.3346.

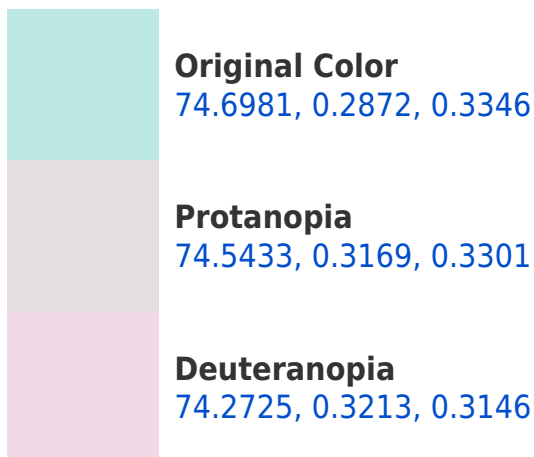


This preview shows how white text looks on a background with the Yxy color 74.6981, 0.2872, 0.3346.

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

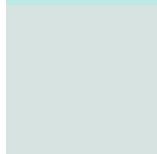
74.7084, 0.2783, 0.3092

Trichromacy



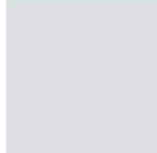
Original Color

74.6981, 0.2872, 0.3346



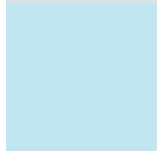
Protanomaly

74.6161, 0.3057, 0.3323



Deuteranomaly

74.1765, 0.3082, 0.3215



Tritanomaly

74.7092, 0.2816, 0.3178

Monochromacy



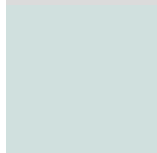
Original Color

74.6981, 0.2872, 0.3346



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

71.9951, 0.3029, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6981, 0.2872, 0.3346 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(189, 233, 228)` looks like.

```
.text, #text, p{  
    color:rgb(189, 233, 228)  
}
```

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(189, 233, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 233, 228) }
```

Border

The CSS property to change the border of an element to Yxy 74.6981, 0.2872, 0.3346 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(189, 233, 228) }
```

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

```
.border{ border-color:rgb(189, 233, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 233, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 233, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 233, 228);  
box-shadow:4px 4px 4px 4px rgb(189, 233,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6981, 0.2872, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 233, 228) }
```

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

```
.background{ background-color: rgb(189,  
233, 228) }
```

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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