

Converting Colors

$Yxy(74.0141, 0.2768, 0.3347)$

Have a look what the booklet for
Yxy(74.0141, 0.2768, 0.3347)
contains.

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Color

Yxy(74.0141, 0.2768, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	ADEBE6
RGB	173, 235, 230
RGB Percent	68%, 92%, 90%
CMY	0.3219, 0.0783, 0.0981
CMYK	0.26, 0.00, 0.02, 0.08
HSL	175°, 61%, 80%
HSV	175°, 26%, 92%
XYZ	61.2103, 74.0141, 85.9112
YIQ	215.8920, -35.3470, -14.6990

Conversions

Conversions Part 2

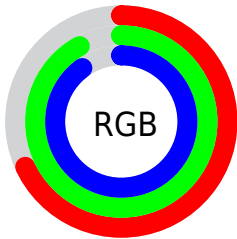
Format	Color
R _Y B	173, 205, 235
Decimal	11398118
CIE Lab	88.93, -20.50, -3.90
CIE LCh	89, 20.865, 190.768
Yxy	74.0141, 0.2768, 0.3347
Android (android.graphics.Color)	4289588198 (0xFFADEFB6)
YUV	215.8920, 6.9552, -37.6163
Hunter-Lab	86.0314, -23.5544, 1.0149

Details

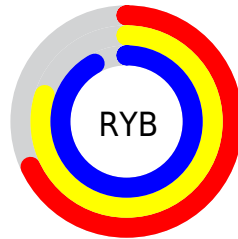
The Yxy color **74.0141, 0.2768, 0.3347** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **50.7371, 0.3649, 0.3235**, and the grayscale version is **68.5531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **39.2573, 0.2685, 0.3350** is the 20% darker color. If you saturate the color by 10%, you get **71.4643, 0.2652, 0.3372**, and if you desaturate by 10%, it is **77.0422, 0.2897, 0.3324**.

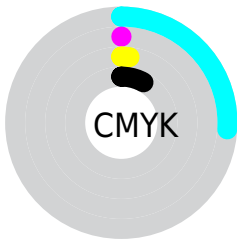
Distribution



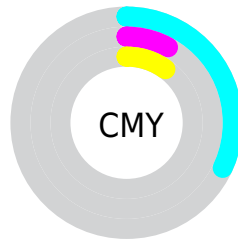
- Red (68%)
- Green (92%)
- Blue (90%)



- Red (68%)
- Yellow (80%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)





- Cyan (32%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0141, 0.2768, 0.3347 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 74.0141, 0.2768, 0.3347 by changing the saturation by 10% instead.


 74.0141, 0.2768,
0.3347

 74.0141, 0.2768,
0.3347


474.5220, 0.2932,
0.3323

 54.8056, 0.2731,
0.3352

 124.9158, 0.2825,
0.3339

 39.2461, 0.2685,
0.3358


157.3778, 0.2847,
0.3336

 26.9512, 0.2628,
0.3366


195.0263, 0.2866,
0.3333

 17.5366, 0.2553,
0.3375

238.2459, 0.2883,
0.3330

 10.6178, 0.2453,
0.3386

287.4209, 0.2897,
0.3328

 5.8105, 0.2310,
0.3400


342.9356, 0.2910,

 2.7302, 0.2093,


0.3326


405.1745, 0.2922,
0.3324


0.3417


 0.9925, 0.1550,
0.3502


 0.0000, 0.0000,
0.0000


 74.0141, 0.2768,
0.3347

 74.0141, 0.2768,
0.3347


 71.4643, 0.2652,
0.3372


 77.0422, 0.2897,
0.3324


 69.3592, 0.2550,
0.3398

 80.5626, 0.3035,
0.3303


 67.6747, 0.2466,
0.3425


 84.5995, 0.3179,
0.3283


 66.3811, 0.2401,
0.3452

 86.8391, 0.3246,
0.3265

 65.4445, 0.2355,
0.3480


 86.9515, 0.3234,
0.3246

 64.8255, 0.2329,
0.3508


 87.0651, 0.3221,
0.3228

 64.4745, 0.2319,
0.3535

 87.1799, 0.3209,
0.3209

 64.3849, 0.2318,
0.3545

 87.2959, 0.3197,
0.3191

 87.4130, 0.3185,
0.3173

Harmonies

Analogous

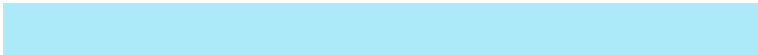
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0141, 0.2969, 0.3570



74.0141, 0.2768, 0.3347



74.0141, 0.2663, 0.3117

Triad

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



74.0141, 0.2768, 0.3347



74.0141, 0.3021, 0.2908



74.0141, 0.3597, 0.3617

Complementary

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



74.0141, 0.2768, 0.3347



50.7371, 0.3649, 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.



74.0141, 0.3615, 0.3431



74.0141, 0.2768, 0.3347



74.0141, 0.3275, 0.3032

Square

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



74.0141, 0.2768, 0.3347



74.0141, 0.2804, 0.2875



74.0141, 0.3496, 0.3220



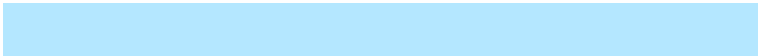
74.0141, 0.3449, 0.3724

Rectangle

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



74.0141, 0.2768, 0.3347



74.0141, 0.2658, 0.2995



74.0141, 0.3496, 0.3220



74.0141, 0.3619, 0.3561

Sweetspot

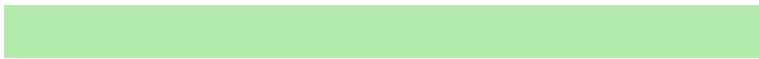
The Sweet Spot groups the original color and five complimentary colors.



74.0171, 0.2768, 0.3347



96.2281, 0.3012, 0.3306



71.9201, 0.3125, 0.4040



20.4546, 0.2991, 0.3309



0.0000, 0.0000, 0.0000



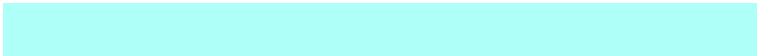
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0171, 0.2768, 0.3347



87.2510, 0.2700, 0.3361



60.5488, 0.2712, 0.2983



17.0996, 0.2992, 0.3309



35.8348, 0.2317, 0.3540



2.8201, 0.2306, 0.3502

Inverse Universe

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



50.7371, 0.3649, 0.3235



54.5968, 0.3807, 0.3222



61.4344, 0.3622, 0.3578



15.0739, 0.3280, 0.3271



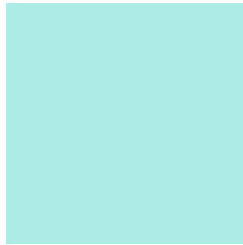
9.8634, 0.6310, 0.3250



0.7814, 0.6090, 0.3128

Previews

White Background



This preview shows how the Yxy color 74.0141, 0.2768, 0.3347 looks on a white background.

Color Contrast Check

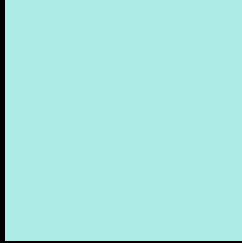
Large Text (above 18pt) WCAG AA × Fail

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 74.0141, 0.2768, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

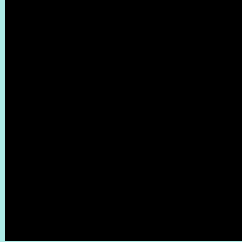
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

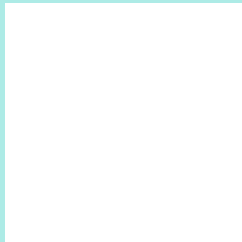
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0141, 0.2768, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 74.0141, 0.2768, 0.3347.

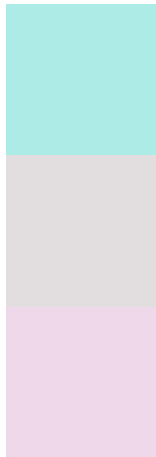


This preview shows how white text looks on a background with the Yxy color 74.0141, 0.2768, 0.3347.

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

74.0141, 0.2768, 0.3347

Protanopia

73.1556, 0.3156, 0.3279

Deuteranopia

73.4030, 0.3172, 0.3104



Tritanopia

73.9625, 0.2682, 0.3088

Trichromacy



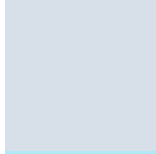
Original Color

74.0141, 0.2768, 0.3347



Protanomaly

73.0944, 0.3004, 0.3301



Deuteranomaly

73.1056, 0.3008, 0.3181



Tritanomaly

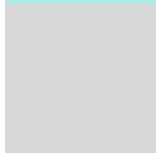
73.9790, 0.2714, 0.3176

Monochromacy



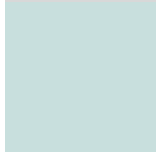
Original Color

74.0141, 0.2768, 0.3347



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.2752, 0.2981, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0141, 0.2768, 0.3347 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(173, 235, 230)` looks like.

```
.text, #text, p{  
    color:rgb(173, 235, 230)  
}
```

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(173, 235, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 235, 230) }
```

Border

The CSS property to change the border of an element to Yxy 74.0141, 0.2768, 0.3347 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(173, 235, 230) }
```

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

```
.border{ border-color:rgb(173, 235, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 235, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 235, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 235, 230);  
box-shadow:4px 4px 4px 4px rgb(173, 235,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0141, 0.2768, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 235, 230) }
```

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

```
.background{ background-color: rgb(173,  
235, 230) }
```

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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