

Converting Colors

$Yxy(73.9586, 0.2969, 0.3378)$

Have a look what the booklet for
Yxy(73.9586, 0.2969, 0.3378)
contains.

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Color

Yxy(74.0097, 0.2970, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	C7E6DE
RGB	199, 230, 222
RGB Percent	78%, 90%, 87%
CMY	0.2193, 0.0981, 0.1294
CMYK	0.13, 0.00, 0.03, 0.10
HSL	165°, 38%, 84%
HSV	165°, 13%, 90%
XYZ	65.0514, 74.0097, 79.9673
YIQ	219.8190, -15.9080, -9.0600

Conversions

Conversions Part 2

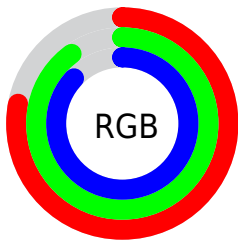
Format	Color
R _Y B	199, 217, 230
Decimal	13100766
CIE Lab	88.93, -11.64, 0.46
CIE LCh	89, 11.649, 177.724
Yxy	74.0097, 0.2970, 0.3379
Android (android.graphics.Color)	4291290846 (0xFFC7E6DE)
YUV	219.8190, 1.0752, -18.2583
Hunter-Lab	86.0289, -15.5763, 5.1078

Details

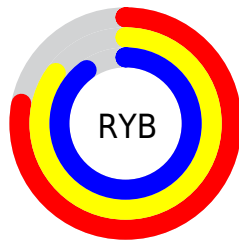
The Yxy color **74.0097, 0.2970, 0.3379** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.2138, 0.3312, 0.3203**, and the grayscale version is **71.4495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0819, 0.2933, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **70.7864, 0.2860, 0.3453**, and if you desaturate by 10%, it is **77.7259, 0.3086, 0.3312**.

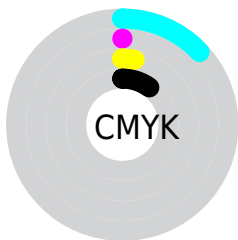
Distribution



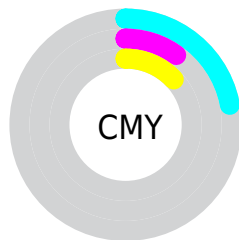
- Red (78%)
- Green (90%)
- Blue (87%)



- Red (78%)
- Yellow (85%)
- Blue (90%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (22%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0097, 0.2970, 0.3379 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 74.0097, 0.2970, 0.3379 by changing the saturation by 10% instead.

■ 74.0097, 0.2970,
0.3379

■ 74.0097, 0.2970,
0.3379

474.5068, 0.3043,
0.3338

■ 54.8020, 0.2953,
0.3388

124.9096, 0.2995,
0.3365

■ 39.2432, 0.2933,
0.3400

157.3705, 0.3005,
0.3359

■ 26.9490, 0.2907,
0.3415

195.0179, 0.3013,
0.3354

■ 17.5349, 0.2873,
0.3434

238.2363, 0.3021,
0.3350

■ 10.6166, 0.2827,
0.3460

287.4100, 0.3027,
0.3347

■ 5.8097, 0.2761,
0.3498

342.9234, 0.3033,

■ 2.7297, 0.2656,

0.3343

405.1609, 0.3038,
0.3341

0.3558

0.9923, 0.2433,
0.3684

0.0000, 0.0000,
0.0000

74.0097, 0.2970,
0.3379

74.0097, 0.2970,
0.3379

70.7864, 0.2860,
0.3453

77.7259, 0.3086,
0.3312

68.0254, 0.2758,
0.3534


81.9457, 0.3206,
0.3251


65.7067, 0.2668,
0.3620


84.1255, 0.3236,
0.3194

63.8053, 0.2593,
0.3711


84.4839, 0.3197,
0.3136


 62.2939, 0.2536,
0.3806


 84.8540, 0.3159,
0.3080

 61.1414, 0.2497,
0.3902

 85.0650, 0.3139,
0.3048

 60.3122, 0.2479,
0.4000

 59.7630, 0.2480,
0.4097

 59.5103, 0.2489,
0.4160

Harmonies

Analogous

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



74.0097, 0.3100, 0.3484



74.0097, 0.2970, 0.3379



74.0097, 0.2883, 0.3250

Triad

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



74.0097, 0.2970, 0.3379



74.0097, 0.3012, 0.3057



74.0097, 0.3402, 0.3436

Complementary

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



74.0097, 0.2970, 0.3379



62.2138, 0.3312, 0.3203

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.



74.0097, 0.3378, 0.3321



74.0097, 0.2970, 0.3379



74.0097, 0.3150, 0.3107

Square

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



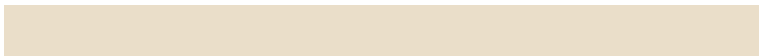
74.0097, 0.2970, 0.3379



74.0097, 0.2906, 0.3067



74.0097, 0.3285, 0.3202



74.0097, 0.3351, 0.3515

Rectangle

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



74.0097, 0.2970, 0.3379



74.0097, 0.2860, 0.3171



74.0097, 0.3285, 0.3202



74.0097, 0.3402, 0.3400

Sweetspot

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



74.0128, 0.2970, 0.3379



97.9481, 0.3079, 0.3315



74.0245, 0.3167, 0.3639



20.8848, 0.3070, 0.3320



0.0000, 0.0000, 0.0000



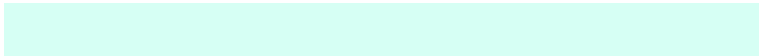
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0128, 0.2970, 0.3379



92.4063, 0.2940, 0.3398



70.5207, 0.2920, 0.3209



16.2695, 0.3016, 0.3351



33.7174, 0.2485, 0.4145



2.5065, 0.2446, 0.4004

Inverse Universe

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



62.2138, 0.3312, 0.3203



74.8762, 0.3356, 0.3185



65.2320, 0.3363, 0.3370



14.4288, 0.3252, 0.3230



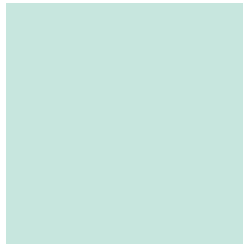
9.7222, 0.5898, 0.3023



0.7333, 0.5483, 0.2794

Previews

White Background



This preview shows how the Yxy color 74.0097, 0.2970, 0.3379 looks on a white background.

Color Contrast Check

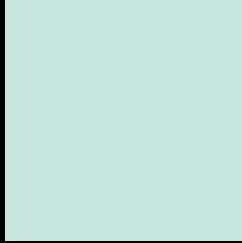
Large Text (above 18pt) WCAG AA × Fail

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 74.0097, 0.2970, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

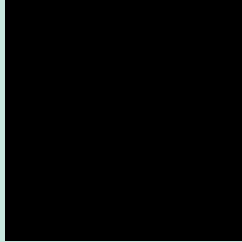
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

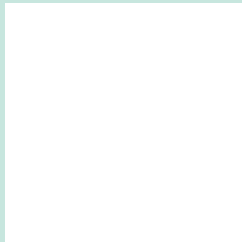
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0097, 0.2970, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 74.0097, 0.2970, 0.3379.

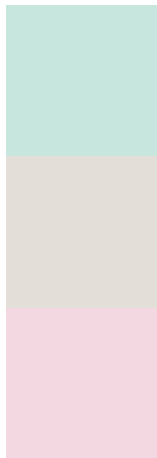


This preview shows how white text looks on a background with the Yxy color 74.0097, 0.2970, 0.3379.

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

74.0097, 0.2970, 0.3379

Protanopia

73.7463, 0.3203, 0.3344

Deuteranopia

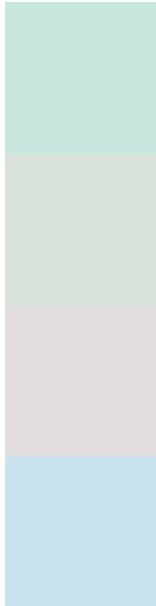
73.6027, 0.3263, 0.3197



Tritanopia

74.2273, 0.2859, 0.3094

Trichromacy



Original Color

74.0097, 0.2970, 0.3379

Protanomaly

73.7166, 0.3110, 0.3356

Deuteranomaly

73.4256, 0.3150, 0.3258

Tritanomaly

74.1578, 0.2899, 0.3191

Monochromacy



Original Color

74.0097, 0.2970, 0.3379

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.5288, 0.3063, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0097, 0.2970, 0.3379 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(199, 230, 222)` looks like.

```
.text, #text, p{  
    color:rgb(199, 230, 222)  
}
```

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(199, 230, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 230, 222) }
```

Border

The CSS property to change the border of an element to Yxy 74.0097, 0.2970, 0.3379 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(199, 230, 222) }
```

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

```
.border{ border-color:rgb(199, 230, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 230, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 230, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 230, 222);  
box-shadow:4px 4px 4px 4px rgb(199, 230,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0097, 0.2970, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 230, 222) }
```

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

```
.background{ background-color: rgb(199,  
230, 222) }
```

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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