

Converting Colors

$Yxy(74.6644, 0.2912, 0.3298)$

Have a look what the booklet for
Yxy(74.6644, 0.2912, 0.3298)
contains.

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Color

Yxy(74.7353, 0.2910, 0.3301)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C5E7E6 |
| RGB | 197, 231, 230 |
| RGB Percent | 77%, 91%, 90% |
| CMY | 0.2274, 0.0941, 0.0982 |
| CMYK | 0.15, 0.00, 0.00, 0.09 |
| HSL | 178°, 41%, 84% |
| HSV | 178°, 15%, 91% |
| XYZ | 65.8830, 74.7353, 85.7837 |
| YIQ | 220.7200, -19.9430, -7.5190 |

Conversions

Conversions Part 2

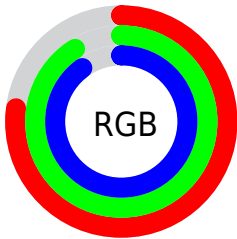
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 197, 214, 231 |
| Decimal | 12969958 |
| CIE _{Lab} | 89.27, -11.24, -3.22 |
| CIE _{LCh} | 89, 11.696, 195.986 |
| Yxy | 74.7353, 0.2910, 0.3301 |
| Android (android.graphics.Color) | 4291160038 (0xFFC5E7E6) |
| YUV | 220.7200, 4.5750, -20.8024 |
| Hunter-Lab | 86.4496, -15.2524, 1.6814 |

Details

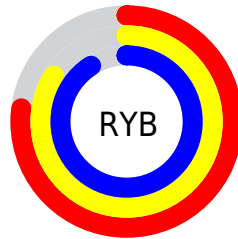
The Yxy color **74.7353, 0.2910, 0.3301** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.0108, 0.3393, 0.3279**, and the grayscale version is **72.0798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **39.5947, 0.2857, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **71.8149, 0.2774, 0.3309**, and if you desaturate by 10%, it is **78.1399, 0.3056, 0.3293**.

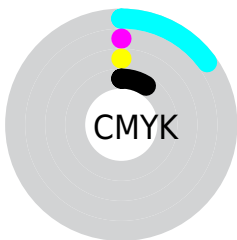
Distribution



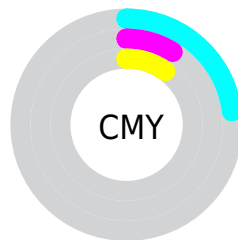
- Red (77%)
- Green (91%)
- Blue (90%)



- Red (77%)
- Yellow (84%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7353, 0.2910, 0.3301 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 74.7353, 0.2910, 0.3301 by changing the saturation by 10% instead.

■ 74.7353, 0.2910,
0.3301

■ 74.7353, 0.2910,
0.3301

477.0073, 0.3010,
0.3297

■ 55.3961, 0.2887,
0.3302

125.9376, 0.2944,
0.3300

■ 39.7189, 0.2860,
0.3303

158.5694, 0.2958,
0.3299

■ 27.3195, 0.2825,
0.3304

196.4010, 0.2969,
0.3299

■ 17.8133, 0.2779,
0.3305

239.8165, 0.2979,
0.3298

■ 10.8160, 0.2718,
0.3306

289.2006, 0.2988,
0.3298

■ 5.9433, 0.2630,
0.3306

344.9374, 0.2996,

■ 2.8106, 0.2494,

0.3297

407.4115, 0.3003,
0.3297

0.3305

1.0337, 0.2240,
0.3304

0.0000, 0.0000,
0.0000

74.7353, 0.2910,
0.3301

74.7353, 0.2910,
0.3301

71.8149, 0.2774,
0.3309

78.1399, 0.3056,
0.3293

69.3478, 0.2650,
0.3318


82.0397, 0.3208,
0.3286

67.3136, 0.2542,
0.3328

84.2464, 0.3286,
0.3280

65.6870, 0.2451,
0.3338


84.2869, 0.3281,
0.3273


 64.4399, 0.2379,
0.3348

 84.3277, 0.3276,
0.3266


 63.5406, 0.2327,
0.3358


 84.3685, 0.3272,
0.3259


 62.9525, 0.2293,
0.3368

 84.4096, 0.3267,
0.3252

 62.6306, 0.2277,
0.3378

 84.4508, 0.3262,
0.3245

 62.5305, 0.2273,
0.3383

 84.4922, 0.3258,
0.3238

Harmonies

Analogous

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



74.7353, 0.3017, 0.3425



74.7353, 0.2910, 0.3301



74.7353, 0.2860, 0.3177

Triad

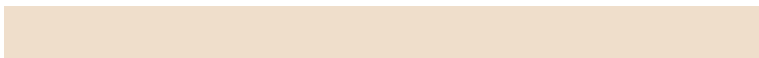
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7353, 0.2910, 0.3301



74.7353, 0.3094, 0.3081



74.7353, 0.3379, 0.3490

Complementary

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



74.7353, 0.2910, 0.3301



61.0108, 0.3393, 0.3279

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.



74.7353, 0.3402, 0.3393



74.7353, 0.2910, 0.3301



74.7353, 0.3235, 0.3160

Square

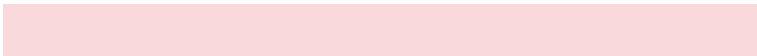
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7353, 0.2910, 0.3301



74.7353, 0.2965, 0.3054



74.7353, 0.3348, 0.3274



74.7353, 0.3289, 0.3535

Rectangle

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



74.7353, 0.2910, 0.3301



74.7353, 0.2866, 0.3112



74.7353, 0.3348, 0.3274



74.7353, 0.3395, 0.3462

Sweetspot

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



74.7384, 0.2910, 0.3301



98.0963, 0.3066, 0.3293



73.2132, 0.3116, 0.3681



20.9224, 0.3055, 0.3293



0.0000, 0.0000, 0.0000



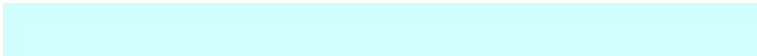
21.4041, 0.3127, 0.3290

Same Dimension

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



74.7384, 0.2910, 0.3301



92.2191, 0.2863, 0.3304



66.3172, 0.2898, 0.3110



16.3283, 0.2986, 0.3297



35.0572, 0.2273, 0.3381



2.5930, 0.2269, 0.3367

Inverse Universe

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



61.0108, 0.3393, 0.3279



71.5889, 0.3468, 0.3277



68.5494, 0.3376, 0.3464



14.3752, 0.3288, 0.3283



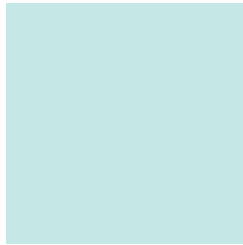
9.5363, 0.6367, 0.3281



0.7073, 0.6272, 0.3229

Previews

White Background



This preview shows how the Yxy color 74.7353, 0.2910, 0.3301 looks on a white background.

Color Contrast Check

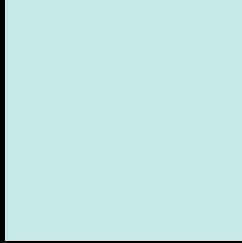
Large Text (above 18pt) WCAG AA × Fail

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 74.7353, 0.2910, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

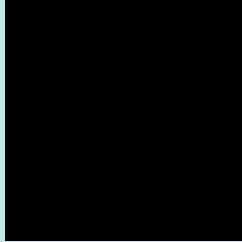
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

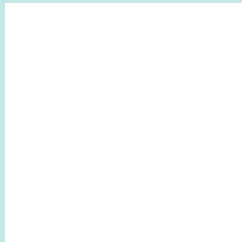
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7353, 0.2910, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 74.7353, 0.2910, 0.3301.

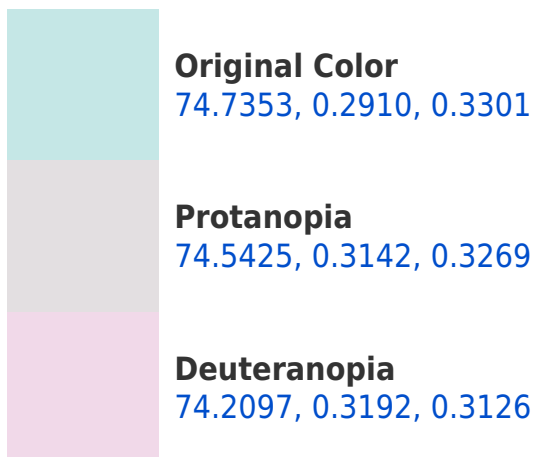


This preview shows how white text looks on a background with the Yxy color 74.7353, 0.2910, 0.3301.

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

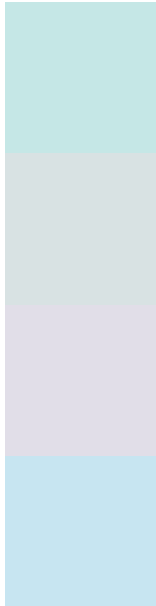




Tritanopia

74.4816, 0.2829, 0.3083

Trichromacy



Original Color

74.7353, 0.2910, 0.3301

Protanomaly

74.5377, 0.3052, 0.3279

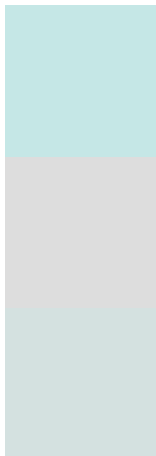
Deuteranomaly

74.0763, 0.3083, 0.3184

Tritanomaly

74.5316, 0.2858, 0.3158

Monochromacy



Original Color

74.7353, 0.2910, 0.3301

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.2293, 0.3044, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7353, 0.2910, 0.3301 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(197, 231, 230)` looks like.

```
.text, #text, p{  
    color:rgb(197, 231, 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(197, 231, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 231, 230) }
```

Border

The CSS property to change the border of an element to Yxy 74.7353, 0.2910, 0.3301 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(197, 231, 230) }
```

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

```
.border{ border-color:rgb(197, 231, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 231, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 231, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 231, 230);  
box-shadow:4px 4px 4px 4px rgb(197, 231,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7353, 0.2910, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 231, 230) }
```

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

```
.background{ background-color: rgb(197,  
231, 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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