

Converting Colors

$Yxy(76.7275, 0.2871, 0.3289)$

Have a look what the booklet for
Yxy(76.7275, 0.2871, 0.3289)
contains.

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Color

Yxy(77.0169, 0.2870, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	C3EBEB
RGB	195, 235, 235
RGB Percent	76%, 92%, 92%
CMY	0.2354, 0.0784, 0.0783
CMYK	0.17, 0.00, 0.00, 0.08
HSL	180°, 50%, 84%
HSV	180°, 17%, 92%
XYZ	67.2054, 77.0169, 89.9428
YIQ	223.0400, -23.8400, -8.4800

Conversions

Conversions Part 2

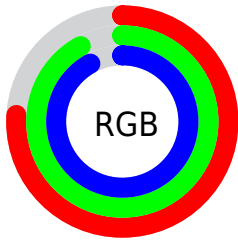
Format	Color
R _Y B	195, 215, 235
Decimal	12839915
CIE Lab	90.33, -12.87, -4.33
CIE LCh	90, 13.583, 198.593
Yxy	77.0169, 0.2870, 0.3289
Android (android.graphics.Color)	4291029995 (0xFFC3EBEB)
YUV	223.0400, 5.8963, -24.5911
Hunter-Lab	87.7593, -16.8848, 0.6663

Details

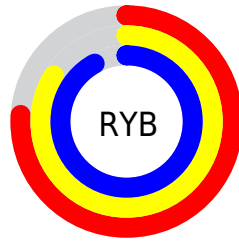
The Yxy color **77.0169, 0.2870, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.6288, 0.3454, 0.3291**, and the grayscale version is **73.7902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **41.1576, 0.2816, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **74.1259, 0.2733, 0.3288**, and if you desaturate by 10%, it is **80.4069, 0.3018, 0.3290**.

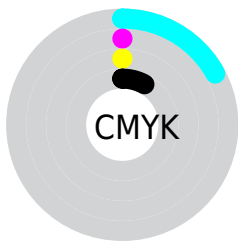
Distribution



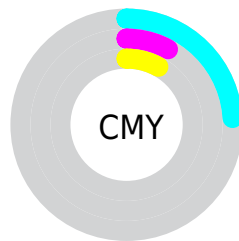
- Red (76%)
- Green (92%)
- Blue (92%)



- Red (76%)
- Yellow (84%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.0169, 0.2870, 0.3289 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 77.0169, 0.2870, 0.3289 by changing the saturation by 10% instead.

■ 77.0169, 0.2870,
0.3289

■ 77.0169, 0.2870,
0.3289

■ 484.8216, 0.2987,
0.3291

■ 57.2667, 0.2844,
0.3288

■ 129.1633, 0.2910,
0.3290

■ 41.2194, 0.2811,
0.3287

■ 162.3284, 0.2926,
0.3290

■ 28.4906, 0.2771,
0.3286

■ 200.7339, 0.2940,
0.3290

■ 18.6958, 0.2718,
0.3284

■ 244.7642, 0.2952,
0.3290

■ 11.4507, 0.2648,
0.3281

■ 294.8038, 0.2962,
0.3290

■ 6.3708, 0.2548,
0.3274

■ 351.2369, 0.2971,

■ 3.0719, 0.2397,

0.3291

414.4481, 0.2980,
0.3291

0.3262

1.1694, 0.2137,
0.3234

0.0365, 0.0000,
0.0962

77.0169, 0.2870,
0.3289

77.0169, 0.2870,
0.3289

74.1259, 0.2733,
0.3288

80.4069, 0.3018,
0.3290

71.7015, 0.2610,
0.3288

84.3080, 0.3174,
0.3290


69.7219, 0.2503,
0.3288


86.7027, 0.3262,
0.3291

68.1602, 0.2414,
0.3287


86.7093, 0.3262,
0.3291

 66.9861, 0.2345,
0.3287

 86.7159, 0.3262,
0.3291


 66.1657, 0.2295,
0.3286


 86.7226, 0.3262,
0.3291

 65.6591, 0.2264,
0.3286

 86.7292, 0.3262,
0.3291

 65.4145, 0.2249,
0.3286

 86.7359, 0.3262,
0.3291

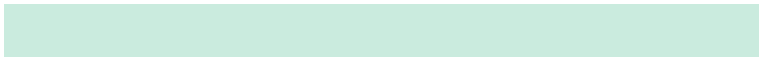
 65.3678, 0.2246,
0.3286

 86.7425, 0.3262,
0.3291

Harmonies

Analogous

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



77.0169, 0.2988, 0.3434



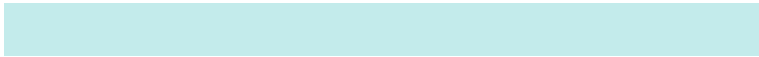
77.0169, 0.2870, 0.3289



77.0169, 0.2820, 0.3148

Triad

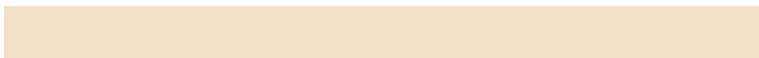
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.0169, 0.2870, 0.3289



77.0169, 0.3103, 0.3056



77.0169, 0.3411, 0.3526

Complementary

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



77.0169, 0.2870, 0.3289



60.6288, 0.3454, 0.3291

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.



77.0169, 0.3445, 0.3419



77.0169, 0.2870, 0.3289



77.0169, 0.3264, 0.3151

Square

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



77.0169, 0.2870, 0.3289



77.0169, 0.2952, 0.3019



77.0169, 0.3390, 0.3283



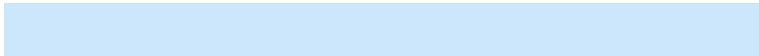
77.0169, 0.3300, 0.3573

Rectangle

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



77.0169, 0.2870, 0.3289



77.0169, 0.2831, 0.3077



77.0169, 0.3390, 0.3283



77.0169, 0.3432, 0.3496

Sweetspot

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



77.0201, 0.2870, 0.3289



97.6575, 0.3049, 0.3290



74.9700, 0.3106, 0.3752



20.8350, 0.3038, 0.3290



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.



77.0201, 0.2870, 0.3289



91.5613, 0.2827, 0.3289



66.1967, 0.2859, 0.3063



17.1206, 0.2981, 0.3289



36.3700, 0.2246, 0.3286



2.8563, 0.2246, 0.3286

Inverse Universe

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



62.6802, 0.3147, 0.2868



71.6641, 0.3151, 0.2792



70.2054, 0.3418, 0.3507



15.3137, 0.3138, 0.3058



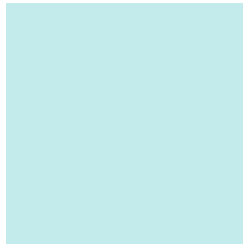
13.1644, 0.3210, 0.1542



1.0338, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 77.0169, 0.2870, 0.3289 looks on a white background.

Color Contrast Check

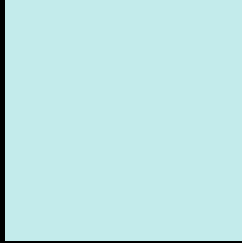
Large Text (above 18pt) WCAG AA × Fail

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 77.0169, 0.2870, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

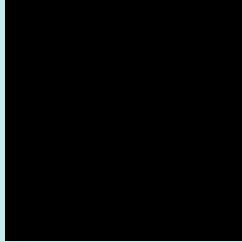
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.0169, 0.2870, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 77.0169, 0.2870, 0.3289.

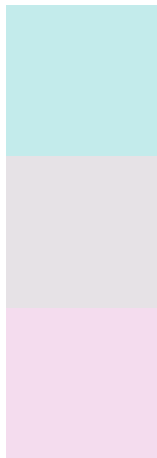


This preview shows how white text looks on a background with the Yxy color 77.0169, 0.2870, 0.3289.

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

77.0169, 0.2870, 0.3289

Protanopia

76.9289, 0.3129, 0.3248

Deuteranopia

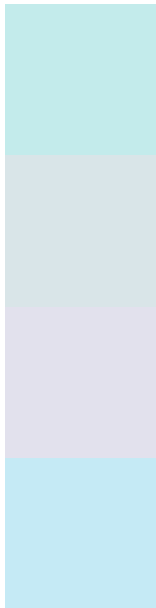
76.5925, 0.3178, 0.3108



Tritanopia

77.2486, 0.2798, 0.3095

Trichromacy



Original Color

77.0169, 0.2870, 0.3289

Protanomaly

76.6165, 0.3027, 0.3258

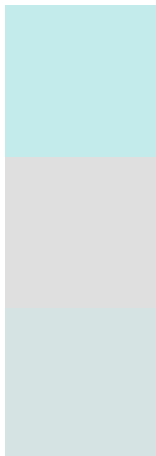
Deuteranomaly

76.1336, 0.3057, 0.3164

Tritanomaly

77.3085, 0.2826, 0.3169

Monochromacy



Original Color

77.0169, 0.2870, 0.3289

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.6304, 0.3032, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0169, 0.2870, 0.3289 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(195, 235, 235)` looks like.

```
.text, #text, p{  
    color:rgb(195, 235, 235)  
}
```

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(195, 235, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 235, 235) }
```

Border

The CSS property to change the border of an element to Yxy 77.0169, 0.2870, 0.3289 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(195, 235, 235) }
```

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

```
.border{ border-color:rgb(195, 235, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 235, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 235, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 235, 235);  
box-shadow:4px 4px 4px 4px rgb(195, 235,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0169, 0.2870, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 235, 235) }
```

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

```
.background{ background-color: rgb(195,  
235, 235) }
```

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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