

Converting Colors

$Yxy(76.0507, 0.2839, 0.3307)$

Have a look what the booklet for
Yxy(76.0507, 0.2839, 0.3307)
contains.

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Color

Yxy(75.9912, 0.2839, 0.3312)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BCEBE9 |
| RGB | 188, 235, 233 |
| RGB Percent | 74%, 92%, 91% |
| CMY | 0.2631, 0.0783, 0.0863 |
| CMYK | 0.20, 0.00, 0.01, 0.08 |
| HSL | 177°, 54%, 83% |
| HSV | 177°, 20%, 92% |
| XYZ | 65.1386, 75.9912, 88.3122 |
| YIQ | 220.7190, -27.3700, -10.5860 |

Conversions

Conversions Part 2

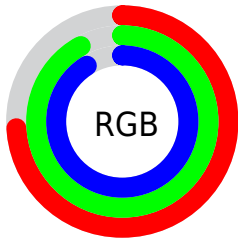
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 188, 212, 235 |
| Decimal | 12381161 |
| CIELab | 89.86, -15.44, -4.01 |
| CIELCh | 90, 15.955, 194.546 |
| Yxy | 75.9912, 0.2839, 0.3312 |
| Android (android.graphics.Color) | 4290571241 (0xFFBCEBE9) |
| YUV | 220.7190, 6.0545, -28.6946 |
| Hunter-Lab | 87.1729, -19.1713, 0.9562 |

Details

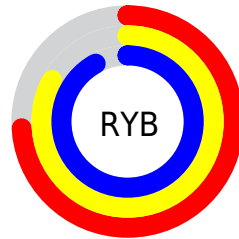
The Yxy color **75.9912, 0.2839, 0.3312** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.3154, 0.3509, 0.3269**, and the grayscale version is **72.0615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **40.4829, 0.2778, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **73.1921, 0.2710, 0.3324**, and if you desaturate by 10%, it is **79.2829, 0.2979, 0.3301**.

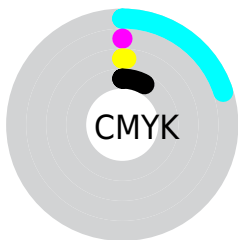
Distribution



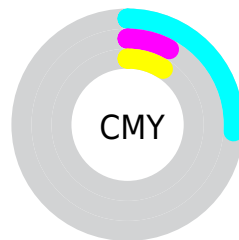
- Red (74%)
- Green (92%)
- Blue (91%)



- Red (74%)
- Yellow (83%)
- Blue (92%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (26%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9912, 0.2839, 0.3312 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 75.9912, 0.2839, 0.3312 by changing the saturation by 10% instead.

 75.9912, 0.2839,
0.3312

 75.9912, 0.2839,
0.3312


481.3176, 0.2970,
0.3303

 56.4253, 0.2809,
0.3314


 127.7145, 0.2884,
0.3309

 40.5440, 0.2773,
0.3316


160.6406, 0.2902,
0.3308

 27.9630, 0.2727,
0.3318


198.7890, 0.2917,
0.3307

 18.2977, 0.2668,
0.3320

242.5439, 0.2931,
0.3306

 11.1640, 0.2589,
0.3323

292.2899, 0.2942,
0.3305

 6.1772, 0.2476,
0.3325

348.4112, 0.2953,

 2.9531, 0.2304,

0.3305

411.2923, 0.2962,
0.3304

0.3325

1.1073, 0.1983,
0.3327

0.0000, 0.0000,
0.0000

75.9912, 0.2839,
0.3312

75.9912, 0.2839,
0.3312

73.1921, 0.2710,
0.3324

79.2829, 0.2979,
0.3301

70.8526, 0.2596,
0.3338

83.0796, 0.3127,
0.3290

68.9505, 0.2497,
0.3351

86.7489, 0.3256,
0.3280

67.4579, 0.2417,
0.3365

86.8083, 0.3249,
0.3270

■ 66.3435, 0.2357,
0.3380

■ 86.8680, 0.3243,
0.3260

■ 65.5719, 0.2315,
0.3394

■ 86.9280, 0.3236,
0.3251

■ 65.1008, 0.2293,
0.3409

■ 86.9884, 0.3230,
0.3241

■ 64.8583, 0.2284,
0.3423

■ 87.0491, 0.3223,
0.3231

■ 87.1102, 0.3217,
0.3221

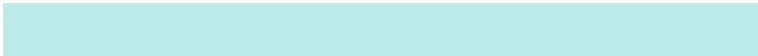
Harmonies

Analogous

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



75.9912, 0.2986, 0.3482



75.9912, 0.2839, 0.3312



75.9912, 0.2768, 0.3142

Triad

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



75.9912, 0.2839, 0.3312



75.9912, 0.3072, 0.3005



75.9912, 0.3474, 0.3554

Complementary

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



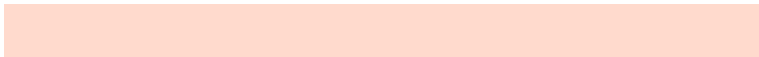
75.9912, 0.2839, 0.3312



57.3154, 0.3509, 0.3269

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.



75.9912, 0.3500, 0.3420



75.9912, 0.2839, 0.3312



75.9912, 0.3264, 0.3109

Square

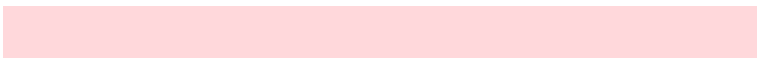
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



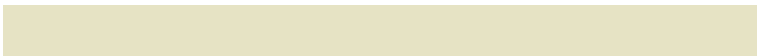
75.9912, 0.2839, 0.3312



75.9912, 0.2900, 0.2972



75.9912, 0.3422, 0.3258



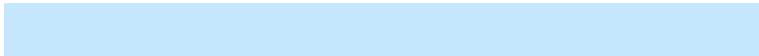
75.9912, 0.3353, 0.3622

Rectangle

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



75.9912, 0.2839, 0.3312



75.9912, 0.2773, 0.3053



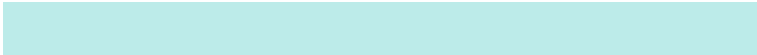
75.9912, 0.3422, 0.3258



75.9912, 0.3494, 0.3515

Sweetspot

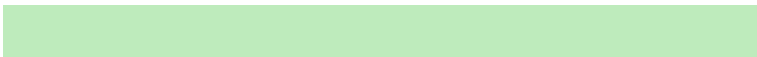
The Sweet Spot groups the original color and five complimentary colors.



75.9943, 0.2839, 0.3312



97.1702, 0.3037, 0.3296



74.0409, 0.3117, 0.3841



20.7354, 0.3028, 0.3297



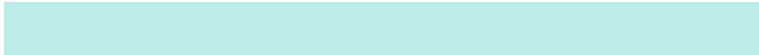
0.0000, 0.0000, 0.0000



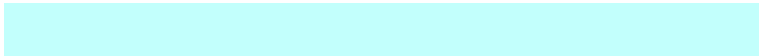
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9943, 0.2839, 0.3312



90.0133, 0.2785, 0.3317



64.6872, 0.2812, 0.3046



17.1100, 0.2987, 0.3300



36.0933, 0.2283, 0.3420



2.8377, 0.2278, 0.3401

Inverse Universe

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



57.3154, 0.3509, 0.3269



63.7607, 0.3609, 0.3264



66.9526, 0.3481, 0.3522



15.0646, 0.3286, 0.3280



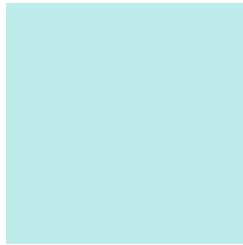
9.8470, 0.6354, 0.3274



0.7770, 0.6229, 0.3205

Previews

White Background



This preview shows how the Yxy color 75.9912, 0.2839, 0.3312 looks on a white background.

Color Contrast Check

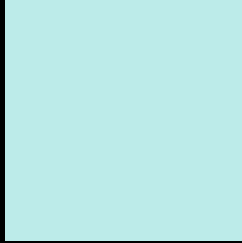
Large Text (above 18pt) WCAG AA × Fail

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 75.9912, 0.2839, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

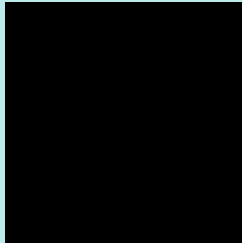
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

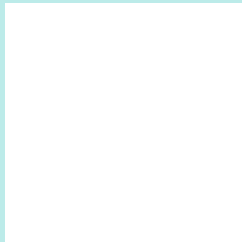
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9912, 0.2839, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 75.9912, 0.2839, 0.3312.

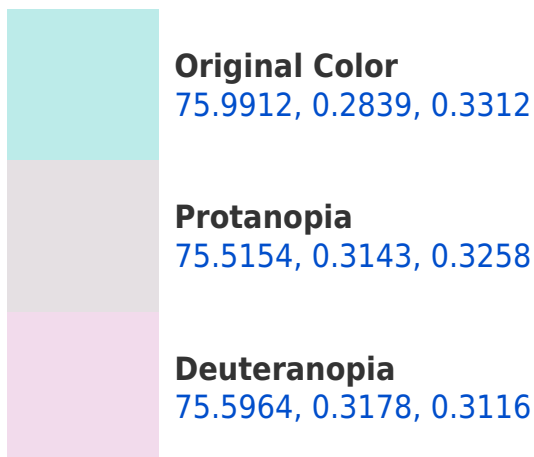


This preview shows how white text looks on a background with the Yxy color 75.9912, 0.2839, 0.3312.

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

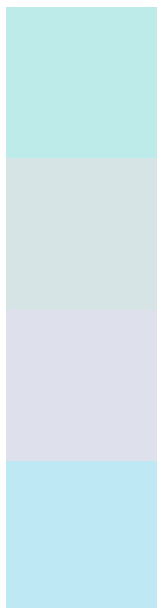




Tritanopia

75.7546, 0.2756, 0.3082

Trichromacy



Original Color

75.9912, 0.2839, 0.3312

Protanomaly

75.4401, 0.3026, 0.3279

Deuteranomaly

75.3782, 0.3043, 0.3184

Tritanomaly

75.7566, 0.2789, 0.3168

Monochromacy



Original Color

75.9912, 0.2839, 0.3312

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.3843, 0.3017, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9912, 0.2839, 0.3312 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(188, 235, 233)` looks like.

```
.text, #text, p{  
    color:rgb(188, 235, 233)  
}
```

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(188, 235, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 235, 233) }
```

Border

The CSS property to change the border of an element to Yxy 75.9912, 0.2839, 0.3312 is called "border". The border property can be set on classes, ids or directly on the HTML element.

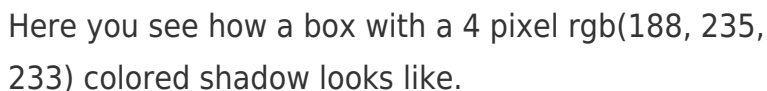
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 235, 233) }
```

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

```
.border{ border-color:rgb(188, 235, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 235, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 235, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 235, 233); box-shadow:4px 4px 4px 4px rgb(188, 235, 233) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9912, 0.2839, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 235, 233) }
```

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

```
.background{ background-color: rgb(188,  
235, 233) }
```

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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