

Converting Colors

Yxy(73.6234, 0.2807, 0.3309)

Have a look what the booklet for
Yxy(73.6234, 0.2807, 0.3309)
contains.

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Color

Yxy(73.8711, 0.2807, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	B5E9E7
RGB	181, 233, 231
RGB Percent	71%, 91%, 91%
CMY	0.2904, 0.0862, 0.0941
CMYK	0.22, 0.00, 0.01, 0.09
HSL	178°, 54%, 81%
HSV	178°, 22%, 91%
XYZ	62.6075, 73.8711, 86.5621
YIQ	217.2240, -30.3500, -11.6460

Conversions

Conversions Part 2

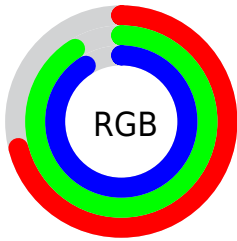
Format	Color
RYB	181, 208, 233
Decimal	11921895
CIELab	88.86, -16.95, -4.48
CIELCh	89, 17.528, 194.810
Yxy	73.8711, 0.2807, 0.3312
Android (android.graphics.Color)	4290111975 (0xFFB5E9E7)
YUV	217.2240, 6.7916, -31.7684
Hunter-Lab	85.9483, -20.3843, 0.4504

Details

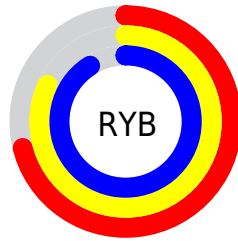
The Yxy color **73.8711, 0.2807, 0.3312** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **53.7654, 0.3566, 0.3269**, and the grayscale version is **69.5114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **39.0515, 0.2738, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **71.2393, 0.2681, 0.3323**, and if you desaturate by 10%, it is **76.9802, 0.2945, 0.3302**.

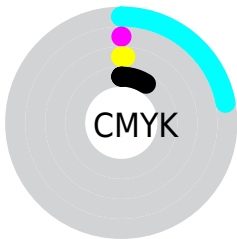
Distribution



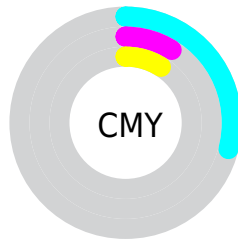
- Red (71%)
- Green (91%)
- Blue (91%)



- Red (71%)
- Yellow (82%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)





- Cyan (29%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8711, 0.2807, 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 73.8711, 0.2807, 0.3312 by changing the saturation by 10% instead.


 73.8711, 0.2807,
0.3312

 73.8711, 0.2807,
0.3312

474.0284, 0.2954,
0.3304

 54.6885, 0.2774,
0.3314


 124.7131, 0.2858,
0.3309

 39.1524, 0.2733,
0.3315


157.1413, 0.2877,
0.3308

 26.8783, 0.2682,
0.3317


194.7535, 0.2894,
0.3307

 17.4819, 0.2615,
0.3319

237.9341, 0.2909,
0.3306

 10.5786, 0.2525,
0.3321

287.0675, 0.2922,
0.3306

 5.7843, 0.2397,
0.3321

342.5381, 0.2934,

 2.7143, 0.2202,

0.3305

404.7302, 0.2944,
0.3304

0.3317

0.9845, 0.1760,
0.3340

0.0000, 0.0000,
0.0000

73.8711, 0.2807,
0.3312

73.8711, 0.2807,
0.3312

71.2393, 0.2681,
0.3323

76.9802, 0.2945,
0.3302

69.0524, 0.2569,
0.3335


80.5793, 0.3092,
0.3292


67.2880, 0.2475,
0.3347

84.6919, 0.3244,
0.3284


65.9180, 0.2399,
0.3360


85.5239, 0.3267,
0.3275


 64.9111, 0.2342,
0.3373


 85.5760, 0.3261,
0.3266


 64.2312, 0.2305,
0.3386

 85.6283, 0.3255,
0.3257

 63.8349, 0.2286,
0.3398

 85.6810, 0.3250,
0.3248

 63.6705, 0.2280,
0.3408

 85.7339, 0.3244,
0.3239

 85.7871, 0.3238,
0.3231

Harmonies

Analogous

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



73.8711, 0.2969, 0.3502



73.8711, 0.2807, 0.3312



73.8711, 0.2730, 0.3123

Triad

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



73.8711, 0.2807, 0.3312



73.8711, 0.3067, 0.2976



73.8711, 0.3511, 0.3583

Complementary

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



73.8711, 0.2807, 0.3312



53.7654, 0.3566, 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.



73.8711, 0.3541, 0.3434



73.8711, 0.2807, 0.3312



73.8711, 0.3280, 0.3091

Square

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



73.8711, 0.2807, 0.3312



73.8711, 0.2876, 0.2938



73.8711, 0.3456, 0.3256



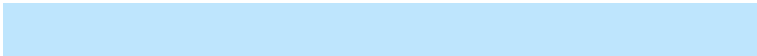
73.8711, 0.3375, 0.3659

Rectangle

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



73.8711, 0.2807, 0.3312



73.8711, 0.2735, 0.3025



73.8711, 0.3456, 0.3256



73.8711, 0.3534, 0.3540

Sweetspot

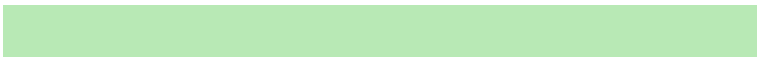
The Sweet Spot groups the original color and five complimentary colors.



73.8741, 0.2807, 0.3312



96.7260, 0.3022, 0.3296



71.7555, 0.3115, 0.3912



20.6460, 0.3013, 0.3297



0.0000, 0.0000, 0.0000



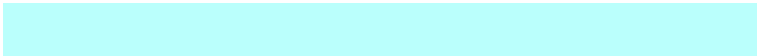
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8741, 0.2807, 0.3312



89.0276, 0.2745, 0.3317



61.5871, 0.2775, 0.3015



17.1112, 0.2986, 0.3299



36.1260, 0.2279, 0.3406



2.8399, 0.2275, 0.3388

Inverse Universe

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



53.7654, 0.3566, 0.3269



60.1070, 0.3692, 0.3264



64.0237, 0.3528, 0.3550



15.0635, 0.3287, 0.3281



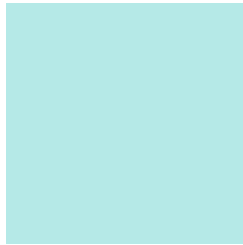
9.8451, 0.6359, 0.3277



0.7764, 0.6247, 0.3215

Previews

White Background



This preview shows how the Yxy color 73.8711, 0.2807, 0.3312 looks on a white background.

Color Contrast Check

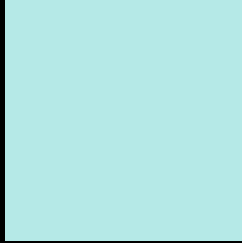
Large Text (above 18pt) WCAG AA × Fail

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 73.8711, 0.2807, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

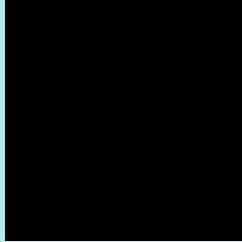
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

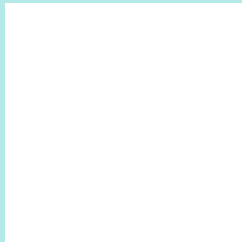
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8711, 0.2807, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 73.8711, 0.2807, 0.3312.

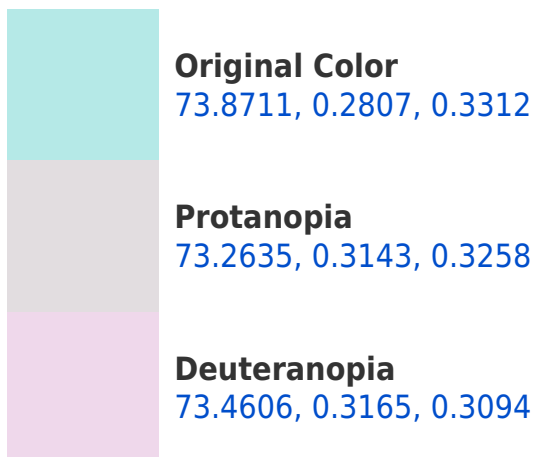


This preview shows how white text looks on a background with the Yxy color 73.8711, 0.2807, 0.3312.

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

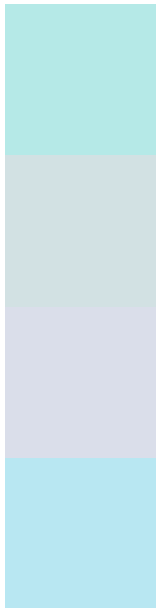




Tritanopia

73.7475, 0.2730, 0.3078

Trichromacy



Original Color

73.8711, 0.2807, 0.3312

Protanomaly

73.0981, 0.3012, 0.3268

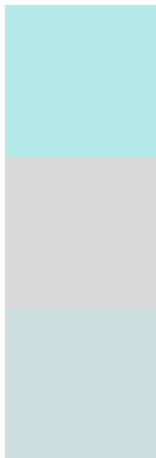
Deuteranomaly

73.0885, 0.3022, 0.3161

Tritanomaly

73.7530, 0.2763, 0.3166

Monochromacy



Original Color

73.8711, 0.2807, 0.3312

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.8866, 0.3002, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8711, 0.2807, 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(181, 233, 231)` looks like.

```
.text, #text, p{  
    color:rgb(181, 233, 231)  
}
```

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(181, 233, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 233, 231) }
```

Border

The CSS property to change the border of an element to Yxy 73.8711, 0.2807, 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(181, 233, 231) }
```

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

```
.border{ border-color:rgb(181, 233, 231) }
```

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

Here you see how a box with a 4 pixel rgb(181, 233, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 233, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 233, 231);  
box-shadow:4px 4px 4px 4px rgb(181, 233,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8711, 0.2807, 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(181, 233, 231) }
```

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

```
.background{ background-color: rgb(181,  
233, 231) }
```

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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