

Converting Colors

$Yxy(73.9430, 0.2828, 0.3391)$

Have a look what the booklet for
Yxy(73.9430, 0.2828, 0.3391)
contains.

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Color

Yxy(73.8656, 0.2830, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	B3EAE1
RGB	179, 234, 225
RGB Percent	70%, 92%, 88%
CMY	0.2978, 0.0824, 0.1177
CMYK	0.23, 0.00, 0.04, 0.08
HSL	170°, 57%, 81%
HSV	170°, 23%, 92%
XYZ	61.6091, 73.8656, 82.2253
YIQ	216.5290, -29.8910, -14.4590

Conversions

Conversions Part 2

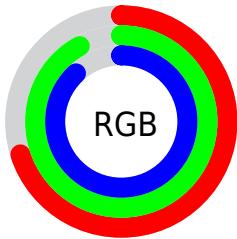
Format	Color
RYB	179, 209, 234
Decimal	11791073
CIELab	88.86, -19.26, -1.34
CIELCh	89, 19.306, 183.972
Yxy	73.8656, 0.2830, 0.3393
Android (android.graphics.Color)	4289981153 (0xFFB3EAE1)
YUV	216.5290, 4.1762, -32.9129
Hunter-Lab	85.9451, -22.4476, 3.4377

Details

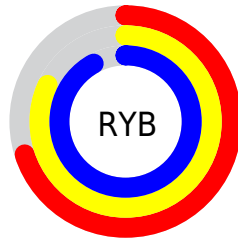
The Yxy color **73.8656, 0.2830, 0.3393** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **53.3862, 0.3535, 0.3190**, and the grayscale version is **69.0422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **39.1030, 0.2759, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **71.1047, 0.2718, 0.3443**, and if you desaturate by 10%, it is **77.1104, 0.2952, 0.3346**.

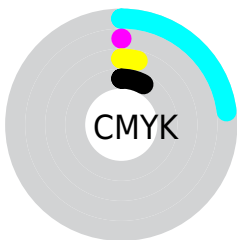
Distribution



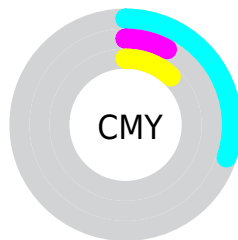
- Red (70%)
- Green (92%)
- Blue (88%)



- Red (70%)
- Yellow (82%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)




- Cyan (30%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8656, 0.2830, 0.3393 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 73.8656, 0.2830, 0.3393 by changing the saturation by 10% instead.

 73.8656, 0.2830,
0.3393

 73.8656, 0.2830,
0.3393


474.0094, 0.2967,
0.3346

 54.6840, 0.2799,
0.3404


 124.7053, 0.2877,
0.3377

 39.1488, 0.2761,
0.3416


157.1322, 0.2896,
0.3371

 26.8755, 0.2713,
0.3433


194.7430, 0.2912,
0.3365

 17.4798, 0.2650,
0.3453

237.9221, 0.2925,
0.3360

 10.5771, 0.2565,
0.3482

287.0539, 0.2938,
0.3356

 5.7833, 0.2443,
0.3521


342.5228, 0.2948,

 2.7137, 0.2255,


0.3353

0.3580


404.7131, 0.2958,
0.3349


 0.9842, 0.1763,
0.3755

 0.0000, 0.0000,
0.0000


 73.8656, 0.2830,
0.3393


 73.8656, 0.2830,
0.3393


 71.1047, 0.2718,
0.3443


 77.1104, 0.2952,
0.3346


 68.7947, 0.2620,
0.3497

 80.8523, 0.3081,
0.3304

 66.9127, 0.2537,
0.3553

 85.1150, 0.3215,
0.3265

 65.4301, 0.2472,
0.3611

 86.4158, 0.3229,
0.3228

■ 64.3146, 0.2426,
0.3670

■ 86.6471, 0.3205,
0.3191

■ 63.5292, 0.2401,
0.3729

■ 86.8832, 0.3180,
0.3154

■ 63.0286, 0.2393,
0.3788

■ 87.1242, 0.3156,
0.3117

■ 62.8102, 0.2396,
0.3826

■ 87.3241, 0.3137,
0.3088

Harmonies

Analogous

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



73.8656, 0.3031, 0.3587



73.8656, 0.2830, 0.3393



73.8656, 0.2709, 0.3176

Triad

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



73.8656, 0.2830, 0.3393



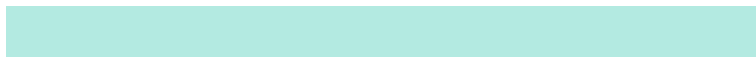
73.8656, 0.2979, 0.2920



73.8656, 0.3577, 0.3559

Complementary

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



73.8656, 0.2830, 0.3393



53.3862, 0.3535, 0.3190

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.



73.8656, 0.3564, 0.3378



73.8656, 0.2830, 0.3393



73.8656, 0.3212, 0.3018

Square

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



73.8656, 0.2830, 0.3393



73.8656, 0.2792, 0.2912



73.8656, 0.3428, 0.3183



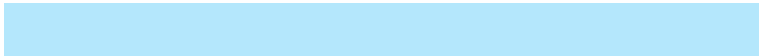
73.8656, 0.3465, 0.3678

Rectangle

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



73.8656, 0.2830, 0.3393



73.8656, 0.2688, 0.3052



73.8656, 0.3428, 0.3183



73.8656, 0.3587, 0.3503

Sweetspot

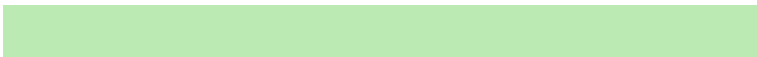
The Sweet Spot groups the original color and five complimentary colors.



73.8686, 0.2830, 0.3393



96.5830, 0.3035, 0.3319



72.8186, 0.3157, 0.3940



20.6128, 0.3027, 0.3321



0.0000, 0.0000, 0.0000



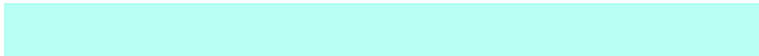
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8686, 0.2830, 0.3393



88.1488, 0.2777, 0.3416



64.4788, 0.2763, 0.3076



17.0769, 0.3003, 0.3329



35.3129, 0.2394, 0.3817



2.7842, 0.2371, 0.3735

Inverse Universe

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



53.3862, 0.3535, 0.3190



59.3298, 0.3642, 0.3169



60.8475, 0.3568, 0.3495



15.0944, 0.3267, 0.3252



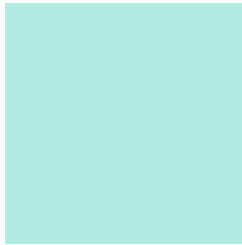
9.9222, 0.6160, 0.3167



0.7911, 0.5809, 0.2974

Previews

White Background



This preview shows how the Yxy color 73.8656, 0.2830, 0.3393 looks on a white background.

Color Contrast Check

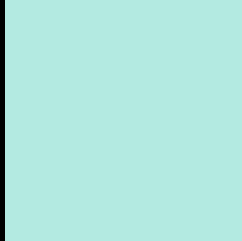
Large Text (above 18pt) WCAG AA × Fail

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 73.8656, 0.2830, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

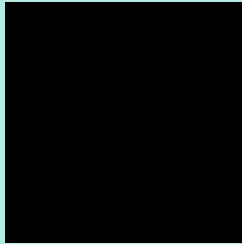
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

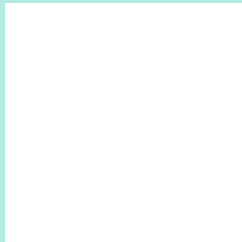
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8656, 0.2830, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 73.8656, 0.2830, 0.3393.

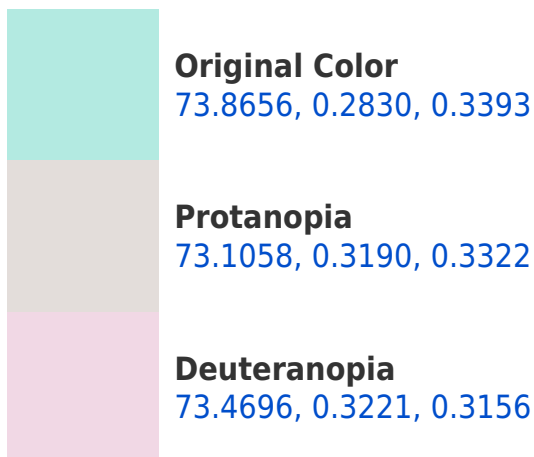


This preview shows how white text looks on a background with the Yxy color 73.8656, 0.2830, 0.3393.

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

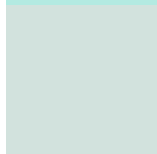
73.6235, 0.2724, 0.3078

Trichromacy



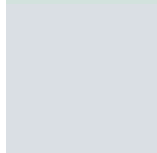
Original Color

73.8656, 0.2830, 0.3393



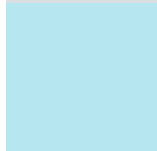
Protanomaly

73.3148, 0.3049, 0.3345



Deuteranomaly

73.2822, 0.3060, 0.3236



Tritanomaly

73.3882, 0.2762, 0.3188

Monochromacy



Original Color

73.8656, 0.2830, 0.3393



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

70.6392, 0.3008, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8656, 0.2830, 0.3393 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(179, 234, 225)` looks like.

```
.text, #text, p{  
    color:rgb(179, 234, 225)  
}
```

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(179, 234, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 234, 225) }
```

Border

The CSS property to change the border of an element to Yxy 73.8656, 0.2830, 0.3393 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(179, 234, 225) }
```

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

```
.border{ border-color:rgb(179, 234, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 234, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 234, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 234, 225);  
box-shadow:4px 4px 4px 4px rgb(179, 234,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8656, 0.2830, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 234, 225) }
```

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

```
.background{ background-color: rgb(179,  
234, 225) }
```

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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