

Converting Colors

$Yxy(70.8590, 0.2711, 0.3435)$

Have a look what the booklet for
Yxy(70.8590, 0.2711, 0.3435)
contains.

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Color

Yxy(71.0881, 0.2710, 0.3433)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9BEADE |
| RGB | 155, 234, 222 |
| RGB Percent | 61%, 92%, 87% |
| CMY | 0.3924, 0.0823, 0.1294 |
| CMYK | 0.34, 0.00, 0.05, 0.08 |
| HSL | 171°, 65%, 76% |
| HSV | 171°, 34%, 92% |
| XYZ | 56.1167, 71.0881, 79.8680 |
| YIQ | 209.0110, -43.2320, -20.4800 |

Conversions

Conversions Part 2

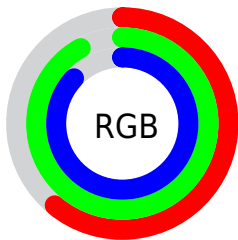
| Format | Color |
|-------------------------------------|--|
| RYB | 155, 198, 234 |
| Decimal | 10218206 |
| CIELab | 87.53, -26.78, -1.88 |
| CIELCh | 88, 26.849, 184.005 |
| Yxy | 71.0881, 0.2710, 0.3433 |
| Android (android.graphics.Color) | 4288408286 (0xFF9BEADE) |
| YUV | 209.0110, 6.4036, -47.3676 |
| Hunter-Lab | 84.3138, -28.7448, 2.8559 |

Details

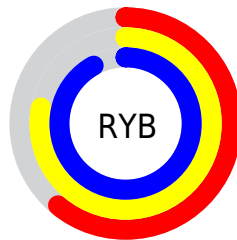
The Yxy color **71.0881, 0.2710, 0.3433** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **43.7086, 0.3798, 0.3155**, and the grayscale version is **63.7407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **37.3401, 0.2612, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **68.8079, 0.2611, 0.3482**, and if you desaturate by 10%, it is **73.8266, 0.2823, 0.3387**.

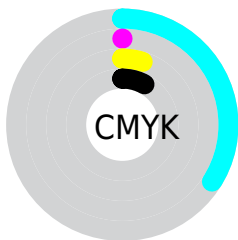
Distribution



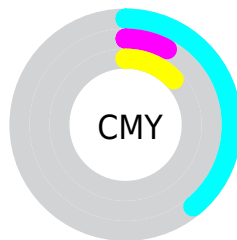
- Red (61%)
- Green (92%)
- Blue (87%)



- Red (61%)
- Yellow (78%)
- Blue (92%)



- Cyan (34%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)





- Cyan (39%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0881, 0.2710, 0.3433 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 71.0881, 0.2710, 0.3433 by changing the saturation by 10% instead.


 71.0881, 0.2710,
0.3433

 71.0881, 0.2710,
0.3433


464.3614, 0.2903,
0.3368

 52.4141, 0.2666,
0.3448


 120.7592, 0.2777,
0.3411

 37.3352, 0.2612,
0.3465

 152.5250, 0.2803,
0.3402

 25.4672, 0.2544,
0.3488


189.4236, 0.2825,
0.3394

 16.4255, 0.2454,
0.3517

231.8393, 0.2845,
0.3388

 9.8257, 0.2334,
0.3555

280.1565, 0.2862,
0.3382

 5.2836, 0.2161,
0.3608


334.7597, 0.2877,

 2.4146, 0.1895,


0.3377


396.0332, 0.2890,
0.3372

0.3687


 0.8334, 0.0687,
0.4142


 0.0000, 0.0000,
0.0000


 71.0881, 0.2710,
0.3433


 71.0881, 0.2710,
0.3433


 68.8079, 0.2611,
0.3482


 73.8266, 0.2823,
0.3387


 66.9514, 0.2527,
0.3534

 77.0389, 0.2946,
0.3343

 65.4927, 0.2462,
0.3588


 80.7499, 0.3076,
0.3304


 64.3996, 0.2416,
0.3642


 84.9806, 0.3212,
0.3268

 63.6347, 0.2390,
0.3696

 86.3921, 0.3233,
0.3234


 63.1525, 0.2382,
0.3750

 86.6053, 0.3210,
0.3199

 62.9518, 0.2384,
0.3784

 86.8227, 0.3187,
0.3165

 87.0443, 0.3165,
0.3131

 87.2701, 0.3143,
0.3097

Harmonies

Analogous

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



71.0881, 0.2989, 0.3715



71.0881, 0.2710, 0.3433



71.0881, 0.2546, 0.3122

Triad

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



71.0881, 0.2710, 0.3433



71.0881, 0.2917, 0.2779



71.0881, 0.3762, 0.3660

Complementary

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



71.0881, 0.2710, 0.3433



43.7086, 0.3798, 0.3155

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.



71.0881, 0.3746, 0.3406



71.0881, 0.2710, 0.3433



71.0881, 0.3244, 0.2914

Square

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



71.0881, 0.2710, 0.3433



71.0881, 0.2660, 0.2763



71.0881, 0.3552, 0.3138



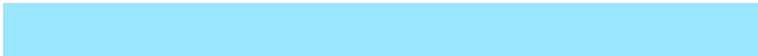
71.0881, 0.3600, 0.3836

Rectangle

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



71.0881, 0.2710, 0.3433



71.0881, 0.2517, 0.2950



71.0881, 0.3552, 0.3138



71.0881, 0.3777, 0.3581

Sweetspot

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



71.0910, 0.2710, 0.3433



95.2333, 0.2994, 0.3328



69.5572, 0.3165, 0.4273



20.2512, 0.2976, 0.3334



0.0000, 0.0000, 0.0000



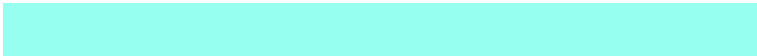
21.4041, 0.3127, 0.3290

Same Dimension

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



71.0910, 0.2710, 0.3433



84.2853, 0.2635, 0.3469



57.8501, 0.2607, 0.2966



17.0802, 0.3001, 0.3326



35.3857, 0.2382, 0.3775



2.7893, 0.2361, 0.3700

Inverse Universe

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



43.7086, 0.3798, 0.3155



45.9823, 0.4020, 0.3126



53.0306, 0.3821, 0.3590



15.0914, 0.3269, 0.3254



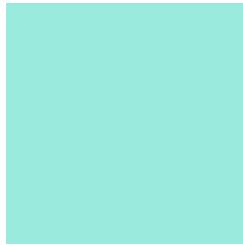
9.9113, 0.6187, 0.3182



0.7897, 0.5848, 0.2995

Previews

White Background



This preview shows how the Yxy color 71.0881, 0.2710, 0.3433 looks on a white background.

Color Contrast Check

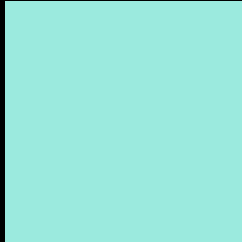
Large Text (above 18pt) WCAG AA × Fail

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 71.0881, 0.2710, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

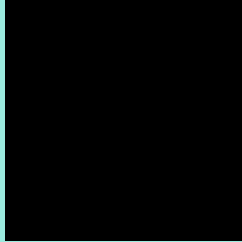
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

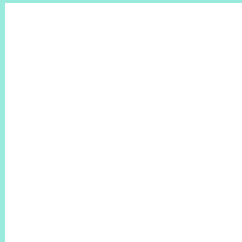
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0881, 0.2710, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 71.0881, 0.2710, 0.3433.

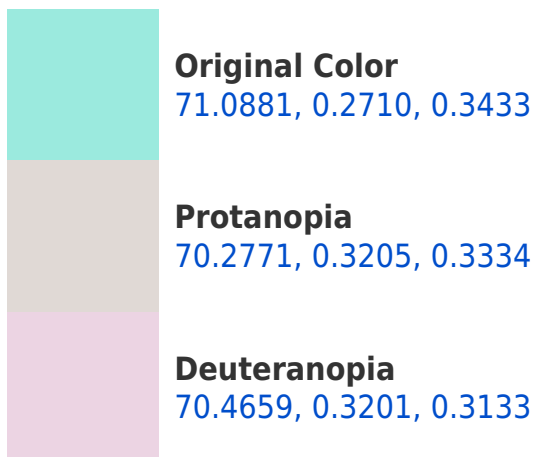


This preview shows how white text looks on a background with the Yxy color 71.0881, 0.2710, 0.3433.

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

71.0102, 0.2598, 0.3071

Trichromacy



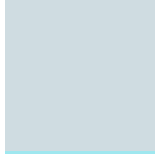
Original Color

71.0881, 0.2710, 0.3433



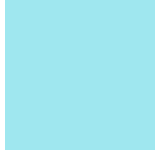
Protanomaly

69.8753, 0.3006, 0.3369



Deuteranomaly

69.8880, 0.3004, 0.3234



Tritanomaly

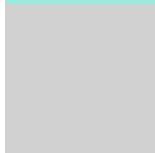
70.7548, 0.2640, 0.3195

Monochromacy



Original Color

71.0881, 0.2710, 0.3433



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

65.8167, 0.2950, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0881, 0.2710, 0.3433 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(155, 234, 222)` looks like.

```
.text, #text, p{  
    color:rgb(155, 234, 222)  
}
```

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(155, 234, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 234, 222) }
```

Border

The CSS property to change the border of an element to Yxy 71.0881, 0.2710, 0.3433 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(155, 234, 222) }
```

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

```
.border{ border-color:rgb(155, 234, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 234, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 234, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 234, 222);  
box-shadow:4px 4px 4px 4px rgb(155, 234,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0881, 0.2710, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 234, 222) }
```

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

```
.background{ background-color: rgb(155,  
234, 222) }
```

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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