

Converting Colors

$Yxy(71.5754, 0.2834, 0.3640)$

Have a look what the booklet for
Yxy(71.5754, 0.2834, 0.3640)
contains.

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Color

Yxy(71.5543, 0.2836, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	A2EBCE
RGB	162, 235, 206
RGB Percent	64%, 92%, 81%
CMY	0.3647, 0.0784, 0.1921
CMYK	0.31, 0.00, 0.12, 0.08
HSL	156°, 65%, 78%
HSV	156°, 31%, 92%
XYZ	55.7494, 71.5543, 69.2740
YIQ	209.8670, -34.1990, -24.4950

Conversions

Conversions Part 2

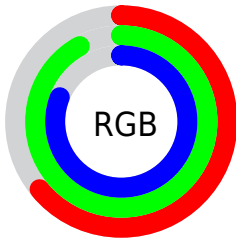
Format	Color
R _{YB}	162, 208, 235
Decimal	10677198
CIE Lab	87.75, -28.67, 6.87
CIE LCh	88, 29.485, 166.526
Yxy	71.5543, 0.2836, 0.3640
Android (android.graphics.Color)	4288867278 (0xFFA2EBCE)
YUV	209.8670, -1.9064, -41.9794
Hunter-Lab	84.5898, -30.3905, 10.6579

Details

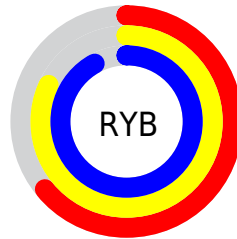
The Yxy color **71.5543, 0.2836, 0.3640** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **47.2629, 0.3553, 0.2967**, and the grayscale version is **64.3880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **37.6953, 0.2765, 0.3726** is the 20% darker color. If you saturate the color by 10%, you get **68.8817, 0.2757, 0.3775**, and if you desaturate by 10%, it is **74.7196, 0.2924, 0.3516**.

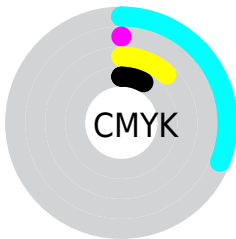
Distribution



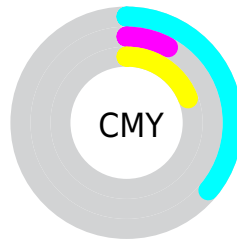
- Red (64%)
- Green (92%)
- Blue (81%)



- Red (64%)
- Yellow (82%)
- Blue (92%)



- Cyan (31%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)





- Cyan (36%)
- Magenta (8%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5543, 0.2836, 0.3640 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 71.5543, 0.2836, 0.3640 by changing the saturation by 10% instead.

 71.5543, 0.2836,
0.3640

 71.5543, 0.2836,
0.3640


465.9888, 0.2973,
0.3474

 52.7947, 0.2804,
0.3679


 121.4227, 0.2884,
0.3581

 37.6389, 0.2765,
0.3728


 153.3002, 0.2902,
0.3559

 25.7025, 0.2714,
0.3791


190.3191, 0.2918,
0.3539

 16.6012, 0.2647,
0.3876

232.8638, 0.2932,
0.3523

 9.9506, 0.2554,
0.3994

281.3188, 0.2944,
0.3508

 5.3662, 0.2418,
0.4172

336.0683, 0.2955,

 2.4637, 0.2197,

0.3495

0.4466

397.4969, 0.2964,
0.3484

0.8584, 0.0811,
0.6009

0.0000, 0.0000,
0.0000

71.5543, 0.2836,
0.3640

71.5543, 0.2836,
0.3640

68.8817, 0.2757,
0.3775

74.7196, 0.2924,
0.3516

66.6668, 0.2691,
0.3919


78.3928, 0.3018,
0.3402


64.8839, 0.2641,
0.4070


82.5995, 0.3117,
0.3300


63.5010, 0.2610,
0.4225


87.1710, 0.3209,
0.3209

 62.4815, 0.2599,
0.4381

 87.7503, 0.3151,
0.3119

 61.7816, 0.2608,
0.4535

 87.8994, 0.3136,
0.3097

 61.3631, 0.2630,
0.4669

Harmonies

Analogous

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



71.5543, 0.3181, 0.3877



71.5543, 0.2836, 0.3640



71.5543, 0.2578, 0.3300

Triad

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



71.5543, 0.2836, 0.3640



71.5543, 0.2719, 0.2706



71.5543, 0.3838, 0.3535

Complementary

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



71.5543, 0.2836, 0.3640



47.2629, 0.3553, 0.2967

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.



71.5543, 0.3703, 0.3241



71.5543, 0.2836, 0.3640



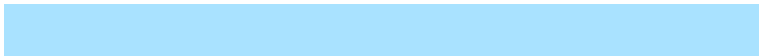
71.5543, 0.3041, 0.2781

Square

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



71.5543, 0.2836, 0.3640



71.5543, 0.2515, 0.2771



71.5543, 0.3404, 0.2972



71.5543, 0.3769, 0.3788

Rectangle

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



71.5543, 0.2836, 0.3640



71.5543, 0.2485, 0.3078



71.5543, 0.3404, 0.2972



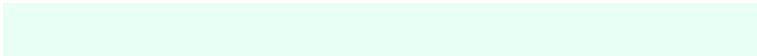
71.5543, 0.3815, 0.3438

Sweetspot

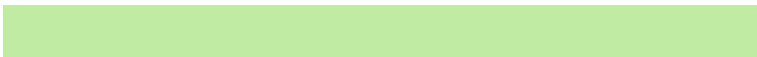
The Sweet Spot groups the original color and five complimentary colors.



71.5572, 0.2836, 0.3640



95.3311, 0.3038, 0.3381



73.1300, 0.3279, 0.4152



20.2540, 0.3024, 0.3396



0.0000, 0.0000, 0.0000



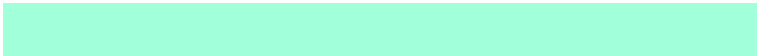
21.4041, 0.3127, 0.3290

Same Dimension

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



71.5572, 0.2836, 0.3640



84.0985, 0.2787, 0.3721



69.0033, 0.2672, 0.3203



17.0147, 0.3034, 0.3385



34.1757, 0.2624, 0.4645



2.7025, 0.2566, 0.4436

Inverse Universe

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



47.2629, 0.3553, 0.2967



50.7100, 0.3670, 0.2902



48.7577, 0.3809, 0.3375



15.1531, 0.3231, 0.3197



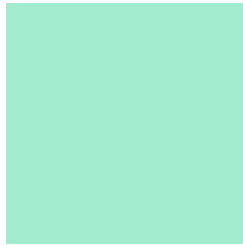
10.2962, 0.5387, 0.2741



0.8270, 0.5019, 0.2538

Previews

White Background



This preview shows how the Yxy color 71.5543, 0.2836, 0.3640 looks on a white background.

Color Contrast Check

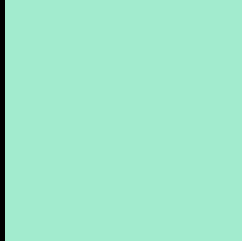
Large Text (above 18pt) WCAG AA × Fail

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 71.5543, 0.2836, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

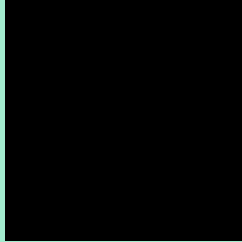
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

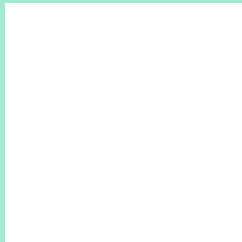
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.5543, 0.2836, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 71.5543, 0.2836, 0.3640.

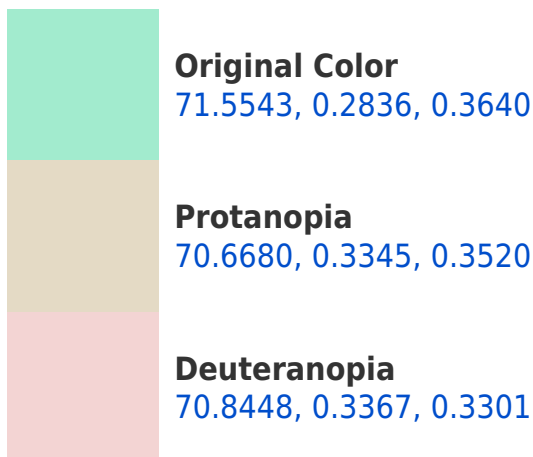


This preview shows how white text looks on a background with the Yxy color 71.5543, 0.2836, 0.3640.

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

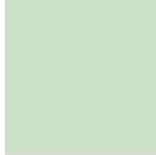
71.4120, 0.2660, 0.3084

Trichromacy



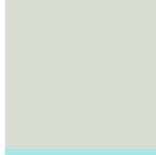
Original Color

71.5543, 0.2836, 0.3640



Protanomaly

70.3188, 0.3142, 0.3565



Deuteranomaly

70.0860, 0.3157, 0.3413



Tritanomaly

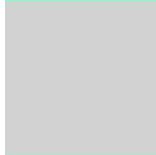
71.3029, 0.2725, 0.3277

Monochromacy



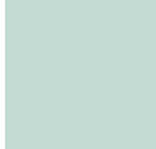
Original Color

71.5543, 0.2836, 0.3640



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

66.6039, 0.3009, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5543, 0.2836, 0.3640 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(162, 235, 206)` looks like.

```
.text, #text, p{  
    color:rgb(162, 235, 206)  
}
```

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(162, 235, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 235, 206) }
```

Border

The CSS property to change the border of an element to Yxy 71.5543, 0.2836, 0.3640 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(162, 235, 206) }
```

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

```
.border{ border-color:rgb(162, 235, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 235, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 235, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 235, 206);  
box-shadow:4px 4px 4px 4px rgb(162, 235,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5543, 0.2836, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 235, 206) }
```

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

```
.background{ background-color: rgb(162,  
235, 206) }
```

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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