

Converting Colors

$Yxy(71.3292, 0.2876, 0.3695)$

Have a look what the booklet for
Yxy(71.3292, 0.2876, 0.3695)
contains.

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Color

Yxy(71.5262, 0.2875, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	A4EBC9
RGB	164, 235, 201
RGB Percent	64%, 92%, 79%
CMY	0.3572, 0.0784, 0.2118
CMYK	0.30, 0.00, 0.14, 0.08
HSL	151°, 64%, 78%
HSV	151°, 30%, 92%
XYZ	55.5478, 71.5262, 66.1357
YIQ	209.8950, -31.4020, -25.6260

Conversions

Conversions Part 2

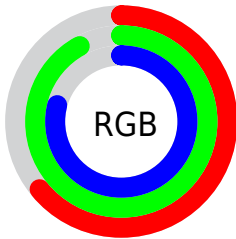
Format	Color
RYB	164, 211, 235
Decimal	10808265
CIELab	87.74, -29.12, 9.48
CIELCh	88, 30.626, 161.959
Yxy	71.5262, 0.2875, 0.3702
Android (android.graphics.Color)	4288998345 (0xFFA4EBC9)
YUV	209.8950, -4.3852, -40.2499
Hunter-Lab	84.5732, -30.7640, 12.8368

Details

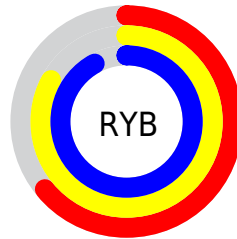
The Yxy color **71.5262, 0.2875, 0.3702** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **48.2616, 0.3484, 0.2914**, and the grayscale version is **64.4117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **37.6618, 0.2813, 0.3809** is the 20% darker color. If you saturate the color by 10%, you get **68.7470, 0.2804, 0.3866**, and if you desaturate by 10%, it is **74.8120, 0.2954, 0.3552**.

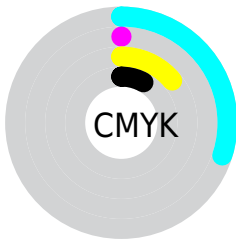
Distribution



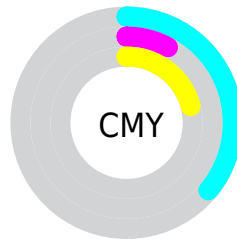
- Red (64%)
- Green (92%)
- Blue (79%)



- Red (64%)
- Yellow (83%)
- Blue (92%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)




- Cyan (36%)
- Magenta (8%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5262, 0.2875, 0.3702 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 71.5262, 0.2875, 0.3702 by changing the saturation by 10% instead.


 71.5262, 0.2875,
0.3702


 71.5262, 0.2875,
0.3702


465.8908, 0.2995,
0.3505

 52.7717, 0.2847,
0.3749


 121.3827, 0.2917,
0.3632

 37.6206, 0.2812,
0.3807


 153.2535, 0.2933,
0.3606

 25.6883, 0.2766,
0.3883


190.2651, 0.2947,
0.3583

 16.5906, 0.2706,
0.3985

232.8021, 0.2959,
0.3563

 9.9431, 0.2622,
0.4128

281.2488, 0.2970,
0.3546

 5.3612, 0.2496,
0.4344

335.9895, 0.2979,

 2.4607, 0.2289,

0.3530

397.4087, 0.2987,
0.3517

0.4707

0.8569, 0.0842,
0.6965

0.0000, 0.0000,
0.0000

71.5262, 0.2875,
0.3702

71.5262, 0.2875,
0.3702

68.7470, 0.2804,
0.3866

74.8120, 0.2954,
0.3552

66.4391, 0.2745,
0.4041

78.6199, 0.3038,
0.3415

64.5769, 0.2700,
0.4226

82.9755, 0.3125,
0.3293

63.1280, 0.2674,
0.4415

87.3409, 0.3193,
0.3184

■ 62.0561, 0.2667,
0.4604

■ 87.9083, 0.3136,
0.3098

■ 61.3175, 0.2681,
0.4788

■ 60.8476, 0.2711,
0.4959

Harmonies

Analogous

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



71.5262, 0.3239, 0.3922



71.5262, 0.2875, 0.3702



71.5262, 0.2590, 0.3355

Triad

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



71.5262, 0.2875, 0.3702



71.5262, 0.2662, 0.2685



71.5262, 0.3858, 0.3497

Complementary

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



71.5262, 0.2875, 0.3702



48.2616, 0.3484, 0.2914

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.



71.5262, 0.3687, 0.3193



71.5262, 0.2875, 0.3702



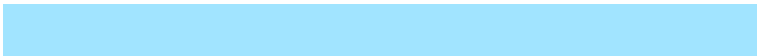
71.5262, 0.2981, 0.2742

Square

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



71.5262, 0.2875, 0.3702



71.5262, 0.2474, 0.2775



71.5262, 0.3358, 0.2924



71.5262, 0.3818, 0.3772

Rectangle

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



71.5262, 0.2875, 0.3702



71.5262, 0.2477, 0.3118



71.5262, 0.3358, 0.2924



71.5262, 0.3824, 0.3396

Sweetspot

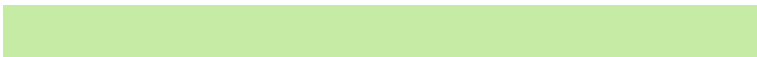
The Sweet Spot groups the original color and five complimentary colors.



71.5291, 0.2875, 0.3702



95.2170, 0.3049, 0.3400



74.1501, 0.3318, 0.4116



20.2258, 0.3036, 0.3418



0.0000, 0.0000, 0.0000



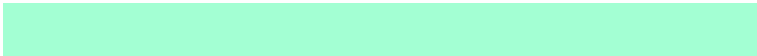
21.4041, 0.3127, 0.3290

Same Dimension

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



71.5291, 0.2875, 0.3702



84.0347, 0.2832, 0.3797



72.6350, 0.2690, 0.3275



16.9934, 0.3045, 0.3405



33.8839, 0.2703, 0.4932



2.6801, 0.2635, 0.4686

Inverse Universe

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



48.2616, 0.3484, 0.2914



52.0365, 0.3580, 0.2838



47.2905, 0.3805, 0.3305



15.1741, 0.3218, 0.3178



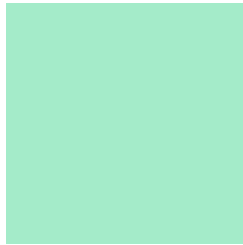
10.5118, 0.5047, 0.2554



0.8448, 0.4726, 0.2377

Previews

White Background



This preview shows how the Yxy color 71.5262, 0.2875, 0.3702 looks on a white background.

Color Contrast Check

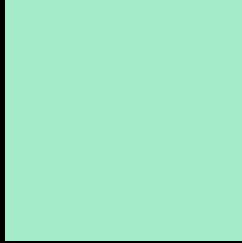
Large Text (above 18pt) WCAG AA × Fail

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 71.5262, 0.2875, 0.3702 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

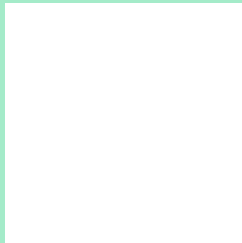
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.5262, 0.2875, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 71.5262, 0.2875, 0.3702.

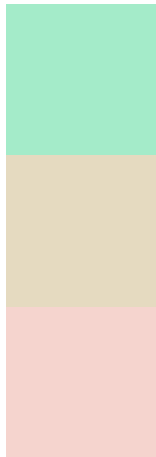


This preview shows how white text looks on a background with the Yxy color 71.5262, 0.2875, 0.3702.

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



Original Color

71.5262, 0.2875, 0.3702

Protanopia

70.6066, 0.3388, 0.3575

Deuteranopia

70.9557, 0.3419, 0.3354



Tritanopia

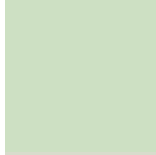
71.6383, 0.2672, 0.3085

Trichromacy



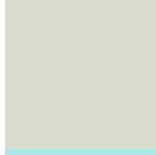
Original Color

71.5262, 0.2875, 0.3702



Protanomaly

70.2306, 0.3182, 0.3623



Deuteranomaly

70.1450, 0.3205, 0.3469



Tritanomaly

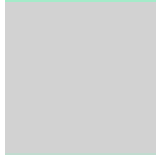
71.4110, 0.2747, 0.3301

Monochromacy



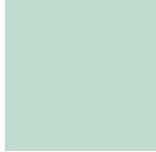
Original Color

71.5262, 0.2875, 0.3702



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

66.5055, 0.3022, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5262, 0.2875, 0.3702 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(164, 235, 201)` looks like.

```
.text, #text, p{  
    color:rgb(164, 235, 201)  
}
```

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(164, 235, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 235, 201) }
```

Border

The CSS property to change the border of an element to Yxy 71.5262, 0.2875, 0.3702 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(164, 235, 201) }
```

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

```
.border{ border-color:rgb(164, 235, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 235, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 235, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 235, 201);  
box-shadow:4px 4px 4px 4px rgb(164, 235,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5262, 0.2875, 0.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 235, 201) }
```

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

```
.background{ background-color: rgb(164,  
235, 201) }
```

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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