

Converting Colors

$Yxy(71.5853, 0.2961, 0.3722)$

Have a look what the booklet for
Yxy(71.5853, 0.2961, 0.3722)
contains.

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Color

Yxy(71.4230, 0.2964, 0.3721)

Conversions

Conversions Part 1

Format	Color
Hex	AFE9C5
RGB	175, 233, 197
RGB Percent	69%, 91%, 77%
CMY	0.3139, 0.0862, 0.2273
CMYK	0.25, 0.00, 0.15, 0.09
HSL	143°, 57%, 80%
HSV	143°, 25%, 91%
XYZ	56.8927, 71.4230, 63.6300
YIQ	211.5540, -23.0120, -23.4920

Conversions

Conversions Part 2

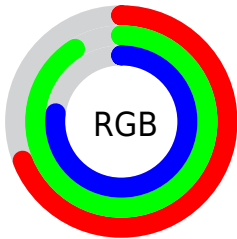
Format	Color
RYB	175, 217, 233
Decimal	11528645
CIELab	87.69, -25.56, 11.57
CIELCh	88, 28.053, 155.653
Yxy	71.4230, 0.2964, 0.3721
Android (android.graphics.Color)	4289718725 (0xFFAFE9C5)
YUV	211.5540, -7.1751, -32.0579
Hunter-Lab	84.5121, -27.7318, 14.5185

Details

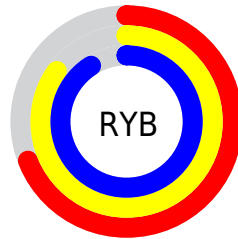
The Yxy color **71.4230, 0.2964, 0.3721** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.6712, 0.3336, 0.2895**, and the grayscale version is **65.5852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6647, 0.2987, 0.3300**, and **37.4924, 0.2922, 0.3835** is the 20% darker color. If you saturate the color by 10%, you get **68.3283, 0.2905, 0.3928**, and if you desaturate by 10%, it is **75.0522, 0.3028, 0.3533**.

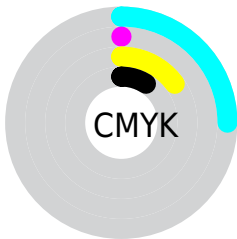
Distribution



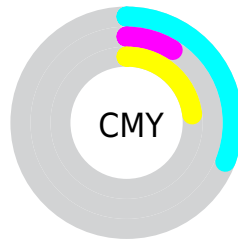
- Red (69%)
- Green (91%)
- Blue (77%)



- Red (69%)
- Yellow (85%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)





- Cyan (31%)
- Magenta (9%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4230, 0.2964, 0.3721 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 71.4230, 0.2964, 0.3721 by changing the saturation by 10% instead.


 71.4230, 0.2964,
0.3721

 71.4230, 0.2964,
0.3721

465.5308, 0.3043,
0.3514

 52.6875, 0.2945,
0.3770


 121.2358, 0.2992,
0.3648

 37.5533, 0.2921,
0.3832


153.0819, 0.3003,
0.3620

 25.6362, 0.2890,
0.3911


190.0670, 0.3012,
0.3596

 16.5517, 0.2849,
0.4018

232.5754, 0.3020,
0.3575

 9.9154, 0.2789,
0.4169

280.9916, 0.3027,
0.3557

 5.3429, 0.2698,
0.4398


335.7000, 0.3033,


 2.4498, 0.2543,


0.3541


0.4782


397.0849, 0.3038,
0.3527


 0.8513, 0.1604,
0.7371


 0.0000, 0.0000,
0.0000


 71.4230, 0.2964,
0.3721


 71.4230, 0.2964,
0.3721


 68.3283, 0.2905,
0.3928


 75.0522, 0.3028,
0.3533

 65.7335, 0.2853,
0.4151

 79.2310, 0.3094,
0.3365

 63.6138, 0.2813,
0.4388

 83.9845, 0.3161,
0.3217

 61.9385, 0.2788,
0.4631

 86.7506, 0.3138,
0.3080

■ 60.6731, 0.2779,
0.4873

■ 86.7635, 0.3137,
0.3078

■ 59.7778, 0.2790,
0.5103

■ 59.2041, 0.2818,
0.5313

■ 58.9980, 0.2836,
0.5410

Harmonies

Analogous

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



71.4230, 0.3303, 0.3886



71.4230, 0.2964, 0.3721



71.4230, 0.2679, 0.3421

Triad

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



71.4230, 0.2964, 0.3721



71.4230, 0.2652, 0.2739



71.4230, 0.3779, 0.3425

Complementary

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



71.4230, 0.2964, 0.3721



52.6712, 0.3336, 0.2895

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.



71.4230, 0.3586, 0.3146



71.4230, 0.2964, 0.3721



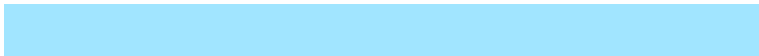
71.4230, 0.2925, 0.2763

Square

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



71.4230, 0.2964, 0.3721



71.4230, 0.2507, 0.2854



71.4230, 0.3267, 0.2909



71.4230, 0.3784, 0.3688

Rectangle

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



71.4230, 0.2964, 0.3721



71.4230, 0.2555, 0.3201



71.4230, 0.3267, 0.2909



71.4230, 0.3734, 0.3330

Sweetspot

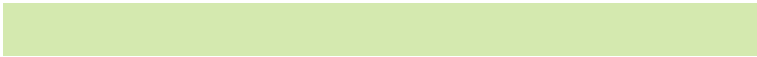
The Sweet Spot groups the original color and five complimentary colors.



71.4260, 0.2964, 0.3721



96.0782, 0.3080, 0.3399



75.3336, 0.3348, 0.3944



20.4958, 0.3076, 0.3409



0.0000, 0.0000, 0.0000



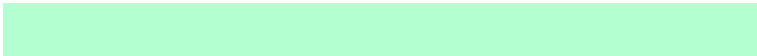
21.4041, 0.3127, 0.3290

Same Dimension

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



71.4260, 0.2964, 0.3721



85.5780, 0.2932, 0.3827



72.8442, 0.2804, 0.3379



16.9569, 0.3064, 0.3440



33.4958, 0.2828, 0.5382



2.6484, 0.2751, 0.5102

Inverse Universe

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



52.6712, 0.3336, 0.2895



58.7864, 0.3392, 0.2809



51.3776, 0.3583, 0.3204



15.2110, 0.3196, 0.3145



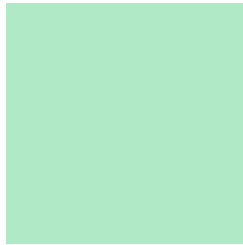
11.0044, 0.4458, 0.2229



0.8827, 0.4238, 0.2108

Previews

White Background



This preview shows how the Yxy color 71.4230, 0.2964, 0.3721 looks on a white background.

Color Contrast Check

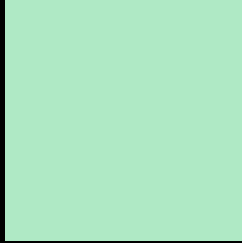
Large Text (above 18pt) WCAG AA × Fail

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 71.4230, 0.2964, 0.3721 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

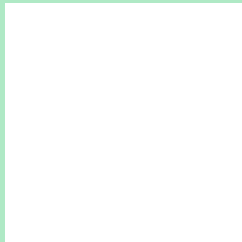
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4230, 0.2964, 0.3721

Background



This preview shows how black text looks on a background with the Yxy color 71.4230, 0.2964, 0.3721.

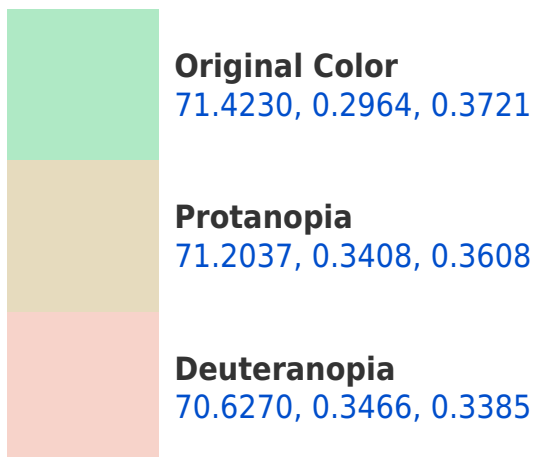


This preview shows how white text looks on a background with the Yxy color 71.4230, 0.2964, 0.3721.

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

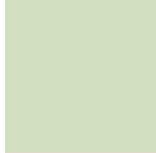
71.1147, 0.2747, 0.3087

Trichromacy



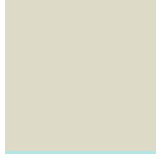
Original Color

71.4230, 0.2964, 0.3721



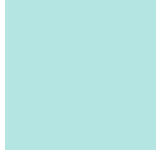
Protanomaly

70.8632, 0.3231, 0.3643



Deuteranomaly

70.2053, 0.3270, 0.3501



Tritanomaly

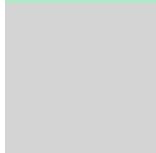
71.4084, 0.2827, 0.3312

Monochromacy



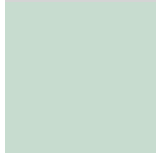
Original Color

71.4230, 0.2964, 0.3721



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

67.8335, 0.3064, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4230, 0.2964, 0.3721 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(175, 233, 197)` looks like.

```
.text, #text, p{  
    color:rgb(175, 233, 197)  
}
```

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(175, 233, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 233, 197) }
```

Border

The CSS property to change the border of an element to Yxy 71.4230, 0.2964, 0.3721 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(175, 233, 197) }
```

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

```
.border{ border-color:rgb(175, 233, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 233, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 233, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 233, 197); box-shadow:4px 4px 4px 4px rgb(175, 233, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4230, 0.2964, 0.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 233, 197) }
```

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

```
.background{ background-color: rgb(175,  
233, 197) }
```

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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