

Converting Colors

$Yxy(71.2556, 0.2994, 0.3787)$

Have a look what the booklet for
Yxy(71.2556, 0.2994, 0.3787)
contains.

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Color

Yxy(71.1976, 0.2994, 0.3784)

Conversions

Conversions Part 1

Format	Color
Hex	AFE9C0
RGB	175, 233, 192
RGB Percent	69%, 91%, 75%
CMY	0.3136, 0.0863, 0.2472
CMYK	0.25, 0.00, 0.18, 0.09
HSL	138°, 57%, 80%
HSV	138°, 25%, 91%
XYZ	56.3334, 71.1976, 60.6233
YIQ	210.9840, -21.4070, -25.0470

Conversions

Conversions Part 2

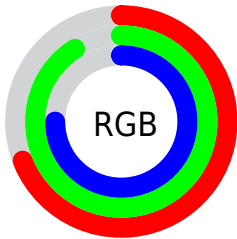
Format	Color
RYB	175, 220, 233
Decimal	11528640
CIELab	87.58, -26.47, 14.05
CIElCh	88, 29.972, 152.038
Yxy	71.1976, 0.2994, 0.3784
Android (android.graphics.Color)	4289718720 (0xFFAFE9C0)
YUV	210.9840, -9.3591, -31.5580
Hunter-Lab	84.3787, -28.4914, 16.4671

Details

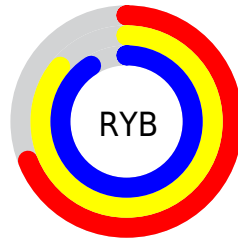
The Yxy color **71.1976, 0.2994, 0.3784** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.9544, 0.3293, 0.2843**, and the grayscale version is **65.2070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2862, 0.3020, 0.3360**, and **37.3442, 0.2958, 0.3918** is the 20% darker color. If you saturate the color by 10%, you get **68.0422, 0.2945, 0.4022**, and if you desaturate by 10%, it is **74.9061, 0.3047, 0.3568**.

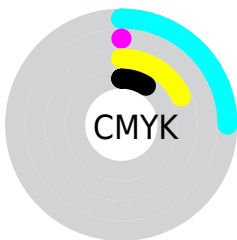
Distribution



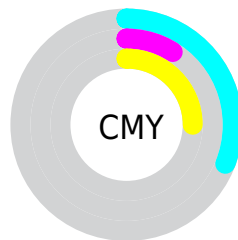
- Red (69%)
- Green (91%)
- Blue (75%)



- Red (69%)
- Yellow (86%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (18%)
- Black (9%)





- Cyan (31%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1976, 0.2994, 0.3784 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 71.1976, 0.2994, 0.3784 by changing the saturation by 10% instead.


 71.1976, 0.2994,
0.3784

 71.1976, 0.2994,
0.3784


464.7439, 0.3060,
0.3546

 52.5035, 0.2978,
0.3841


 120.9150, 0.3018,
0.3700

 37.4065, 0.2957,
0.3912


152.7071, 0.3027,
0.3667

 25.5224, 0.2930,
0.4004


189.6340, 0.3034,
0.3640

 16.4667, 0.2893,
0.4128

232.0801, 0.3041,
0.3616

 9.8550, 0.2839,
0.4304

280.4297, 0.3047,
0.3595

 5.3029, 0.2755,
0.4571

335.0673, 0.3052,

 2.4261, 0.2604,

0.3577

396.3772, 0.3056,
0.3561

0.5022

0.8393, 0.1529,
0.8471

0.0000, 0.0000,
0.0000

71.1976, 0.2994,
0.3784

71.1976, 0.2994,
0.3784

68.0422, 0.2945,
0.4022

74.9061, 0.3047,
0.3568

65.4043, 0.2902,
0.4279

79.1834, 0.3101,
0.3376

63.2581, 0.2869,
0.4549

84.0557, 0.3155,
0.3206

61.5719, 0.2849,
0.4823

86.7594, 0.3137,
0.3078

■ 60.3100, 0.2844,
0.5090

■ 59.4314, 0.2856,
0.5335

■ 58.8863, 0.2883,
0.5545

■ 58.6979, 0.2900,
0.5638

Harmonies

Analogous

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



71.1976, 0.3357, 0.3938



71.1976, 0.2994, 0.3784



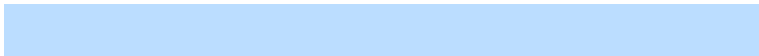
71.1976, 0.2679, 0.3472

Triad

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



71.1976, 0.2994, 0.3784



71.1976, 0.2594, 0.2709



71.1976, 0.3810, 0.3395

Complementary

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



71.1976, 0.2994, 0.3784



52.9544, 0.3293, 0.2843

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.



71.1976, 0.3582, 0.3101



71.1976, 0.2994, 0.3784



71.1976, 0.2870, 0.2719

Square

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



71.1976, 0.2994, 0.3784



71.1976, 0.2459, 0.2847



71.1976, 0.3231, 0.2860



71.1976, 0.3841, 0.3682

Rectangle

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



71.1976, 0.2994, 0.3784



71.1976, 0.2535, 0.3235



71.1976, 0.3231, 0.2860



71.1976, 0.3753, 0.3295

Sweetspot

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



71.2006, 0.2994, 0.3784



95.9832, 0.3089, 0.3415



76.0623, 0.3383, 0.3936



20.4738, 0.3086, 0.3427



0.0000, 0.0000, 0.0000



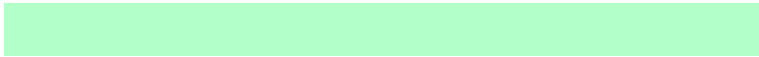
21.4041, 0.3127, 0.3290

Same Dimension

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



71.2006, 0.2994, 0.3784



85.2546, 0.2968, 0.3907



72.5869, 0.2831, 0.3436



16.9346, 0.3076, 0.3461



33.3243, 0.2892, 0.5612



2.6330, 0.2816, 0.5337

Inverse Universe

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



52.9544, 0.3293, 0.2843



59.1629, 0.3337, 0.2745



51.6066, 0.3539, 0.3150



15.2344, 0.3183, 0.3125



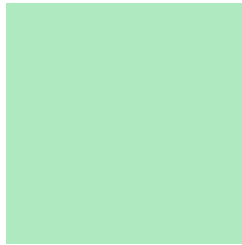
11.3919, 0.4115, 0.2041



0.9112, 0.3960, 0.1955

Previews

White Background



This preview shows how the Yxy color 71.1976, 0.2994, 0.3784 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 71.1976, 0.2994, 0.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

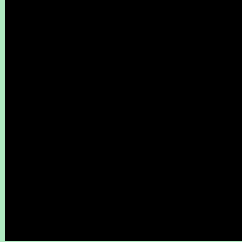
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

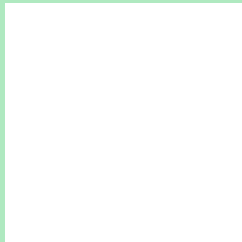
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1976, 0.2994, 0.3784

Background



This preview shows how black text looks on a background with the Yxy color 71.1976, 0.2994, 0.3784.

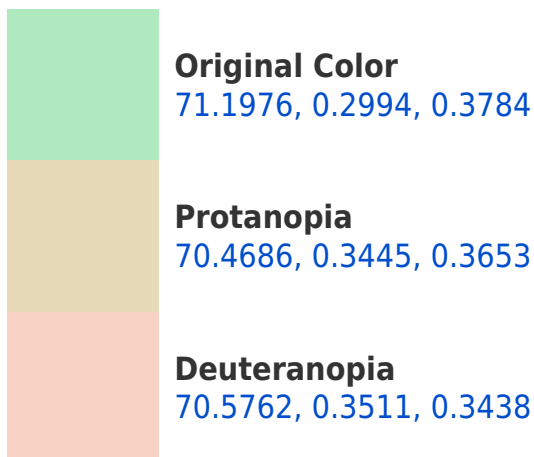


This preview shows how white text looks on a background with the Yxy color 71.1976, 0.2994, 0.3784.

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

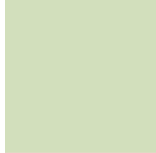
71.2387, 0.2753, 0.3087

Trichromacy



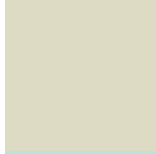
Original Color

71.1976, 0.2994, 0.3784



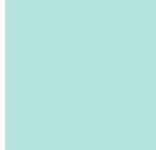
Protanomaly

70.1078, 0.3266, 0.3690



Deuteranomaly

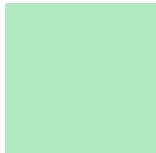
69.9753, 0.3305, 0.3558



Tritanomaly

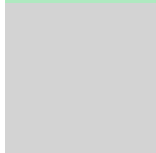
71.2986, 0.2838, 0.3335

Monochromacy



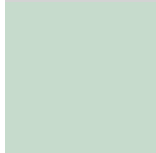
Original Color

71.1976, 0.2994, 0.3784



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.0284, 0.3076, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1976, 0.2994, 0.3784 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(175, 233, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 233, 192) }
```

Border

The CSS property to change the border of an element to Yxy 71.1976, 0.2994, 0.3784 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, 192) }
```

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

```
.border{ border-color:rgb(175, 233, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 233, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 233, 192);  
box-shadow:4px 4px 4px 4px rgb(175, 233,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1976, 0.2994, 0.3784 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, 192) }
```

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

```
.background{ background-color: rgb(175,  
233, 192) }
```

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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