

Converting Colors

$Yxy(71.9904, 0.3236, 0.3884)$

Have a look what the booklet for
Yxy(71.9904, 0.3236, 0.3884)
contains.

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Color

Yxy(71.9904, 0.3236, 0.3884)

Conversions

Conversions Part 1

Format	Color
Hex	C7E6B3
RGB	199, 230, 179
RGB Percent	78%, 90%, 70%
CMY	0.2197, 0.0980, 0.2980
CMYK	0.13, 0.00, 0.22, 0.10
HSL	97°, 51%, 80%
HSV	97°, 22%, 90%
XYZ	59.9796, 71.9904, 53.3811
YIQ	214.9170, -2.1050, -22.4330

Conversions

Conversions Part 2

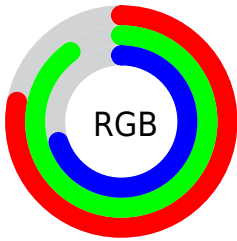
Format	Color
RYB	179, 230, 210
Decimal	13100723
CIELab	87.96, -19.25, 21.55
CIELCh	88, 28.893, 131.781
Yxy	71.9904, 0.3236, 0.3884
Android (android.graphics.Color)	4291290803 (0xFFC7E6B3)
YUV	214.9170, -17.7071, -13.9592
Hunter-Lab	84.8472, -22.2984, 22.0910

Details

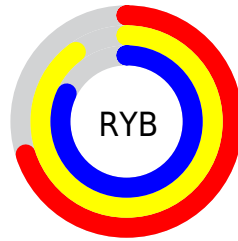
The Yxy color **71.9904, 0.3236, 0.3884** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.6629, 0.2992, 0.2712**, and the grayscale version is **68.0169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **37.7982, 0.3260, 0.4030** is the 20% darker color. If you saturate the color by 10%, you get **69.3118, 0.3279, 0.4186**, and if you desaturate by 10%, it is **75.0066, 0.3188, 0.3602**.

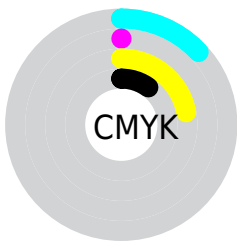
Distribution



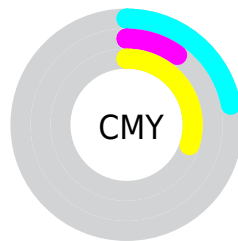
- Red (78%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)




- Cyan (22%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9904, 0.3236, 0.3884 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 71.9904, 0.3236, 0.3884 by changing the saturation by 10% instead.


 71.9904, 0.3236,
0.3884

 71.9904, 0.3236,
0.3884


467.5082, 0.3191,
0.3600

 53.1508, 0.3245,
0.3951


 122.0429, 0.3221,
0.3784

 37.9232, 0.3255,
0.4035

154.0246, 0.3215,
0.3745

 25.9231, 0.3267,
0.4144

191.1558, 0.3210,
0.3712

 16.7661, 0.3280,
0.4288

233.8209, 0.3205,
0.3684

 10.0679, 0.3293,
0.4489

282.4043, 0.3201,
0.3659

 5.4440, 0.3300,
0.4788

337.2904, 0.3197,

 2.5100, 0.3303,

0.3637

398.8635, 0.3194,
0.3617

0.5304

0.8817, 0.2945,
0.7055

0.0000, 0.0000,
0.0000

71.9904, 0.3236,
0.3884

71.9904, 0.3236,
0.3884

69.3118, 0.3279,
0.4186

75.0066, 0.3188,
0.3602

66.9491, 0.3315,
0.4500

78.3629, 0.3138,
0.3343

64.8920, 0.3339,
0.4814

82.0733, 0.3088,
0.3110

63.1263, 0.3348,
0.5112

85.0743, 0.3138,
0.3049

■ 61.6363, 0.3339,
0.5377

■ 85.0814, 0.3138,
0.3049

■ 60.4043, 0.3310,
0.5591

■ 59.4101, 0.3265,
0.5743

■ 58.7762, 0.3222,
0.5824

Harmonies

Analogous

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



71.9904, 0.3563, 0.3900



71.9904, 0.3236, 0.3884



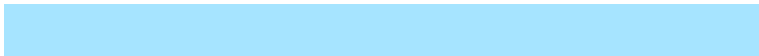
71.9904, 0.2892, 0.3678

Triad

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



71.9904, 0.3236, 0.3884



71.9904, 0.2509, 0.2806



71.9904, 0.3652, 0.3198

Complementary

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



71.9904, 0.3236, 0.3884



51.6629, 0.2992, 0.2712

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.



71.9904, 0.3343, 0.2943



71.9904, 0.3236, 0.3884



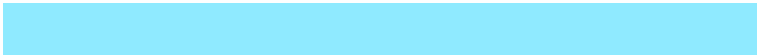
71.9904, 0.2687, 0.2719

Square

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



71.9904, 0.3236, 0.3884



71.9904, 0.2486, 0.3032



71.9904, 0.2988, 0.2771



71.9904, 0.3815, 0.3486

Rectangle

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



71.9904, 0.3236, 0.3884



71.9904, 0.2699, 0.3468



71.9904, 0.2988, 0.2771



71.9904, 0.3561, 0.3107

Sweetspot

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



71.9935, 0.3236, 0.3884



96.9007, 0.3162, 0.3466



65.9800, 0.3507, 0.3631



20.6857, 0.3165, 0.3481



0.0000, 0.0000, 0.0000



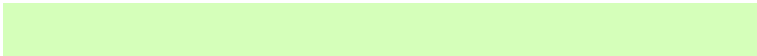
21.4041, 0.3127, 0.3290

Same Dimension

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



71.9935, 0.3236, 0.3884



89.2321, 0.3258, 0.4032



69.6501, 0.3067, 0.3845



16.3628, 0.3175, 0.3529



33.3371, 0.3233, 0.5815



2.5160, 0.3348, 0.5724

Inverse Universe

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



51.6629, 0.2992, 0.2712



58.9038, 0.2955, 0.2573



54.4970, 0.3193, 0.2791



14.3190, 0.3076, 0.3054



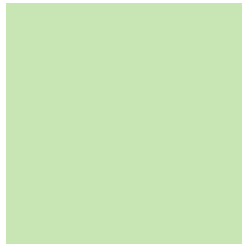
6.4628, 0.2253, 0.1015



0.5309, 0.2391, 0.1091

Previews

White Background



This preview shows how the Yxy color 71.9904, 0.3236, 0.3884 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 71.9904, 0.3236, 0.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

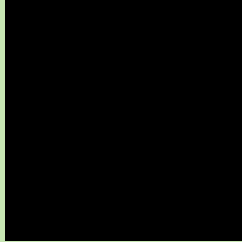
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

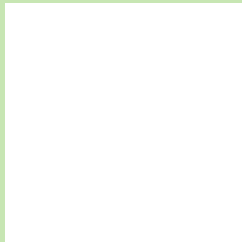
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9904, 0.3236, 0.3884

Background



This preview shows how black text looks on a background with the Yxy color 71.9904, 0.3236, 0.3884.

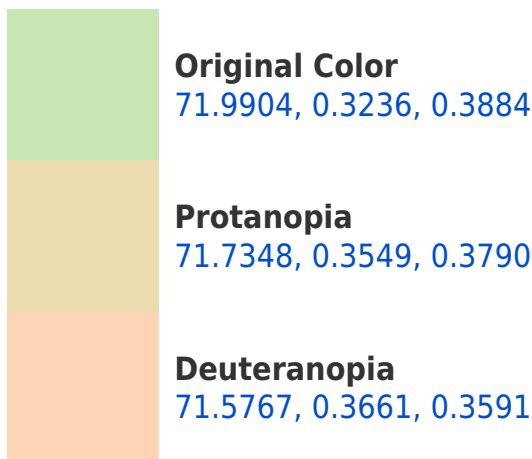


This preview shows how white text looks on a background with the Yxy color 71.9904, 0.3236, 0.3884.

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

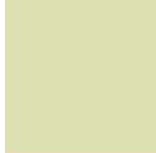
71.8844, 0.2924, 0.3104

Trichromacy



Original Color

71.9904, 0.3236, 0.3884



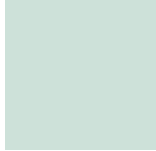
Protanomaly

71.8181, 0.3427, 0.3827



Deuteranomaly

71.5329, 0.3495, 0.3692



Tritanomaly

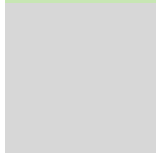
71.8393, 0.3040, 0.3380

Monochromacy



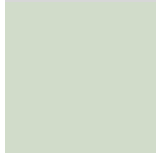
Original Color

71.9904, 0.3236, 0.3884



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.0060, 0.3168, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9904, 0.3236, 0.3884 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(199, 230, 179)` looks like.

```
.text, #text, p{  
    color:rgb(199, 230, 179)  
}
```

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(199, 230, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 230, 179) }
```

Border

The CSS property to change the border of an element to Yxy 71.9904, 0.3236, 0.3884 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(199, 230, 179) }
```

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

```
.border{ border-color:rgb(199, 230, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 230, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 230, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 230, 179);  
box-shadow:4px 4px 4px 4px rgb(199, 230,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9904, 0.3236, 0.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 230, 179) }
```

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

```
.background{ background-color: rgb(199,  
230, 179) }
```

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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