

Converting Colors

$Yxy(71.7483, 0.3190, 0.3840)$

Have a look what the booklet for
Yxy(71.7483, 0.3190, 0.3840)
contains.

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Color

Yxy(71.7483, 0.3190, 0.3840)

Conversions

Conversions Part 1

Format	Color
Hex	C4E6B7
RGB	196, 230, 183
RGB Percent	77%, 90%, 72%
CMY	0.2314, 0.0980, 0.2824
CMYK	0.15, 0.00, 0.20, 0.10
HSL	103°, 48%, 81%
HSV	103°, 20%, 90%
XYZ	59.6034, 71.7483, 55.4928
YIQ	214.4760, -5.1770, -21.8250

Conversions

Conversions Part 2

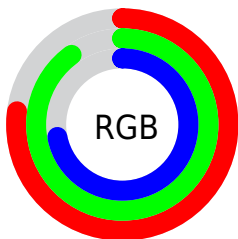
Format	Color
RYB	183, 230, 217
Decimal	12904119
CIELab	87.85, -19.65, 19.29
CIELCh	88, 27.535, 135.523
Yxy	71.7483, 0.3190, 0.3840
Android (android.graphics.Color)	4291094199 (0xFFC4E6B7)
YUV	214.4760, -15.5177, -16.2035
Hunter-Lab	84.7044, -22.6286, 20.4501

Details

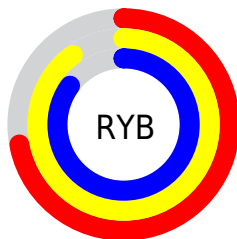
The Yxy color **71.7483, 0.3190, 0.3840** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.3231, 0.3047, 0.2767**, and the grayscale version is **67.6904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6346, 0.3208, 0.3445**, and **37.6346, 0.3200, 0.3972** is the 20% darker color. If you saturate the color by 10%, you get **68.7618, 0.3216, 0.4148**, and if you desaturate by 10%, it is **75.1450, 0.3160, 0.3557**.

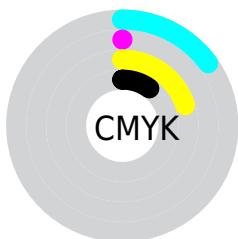
Distribution



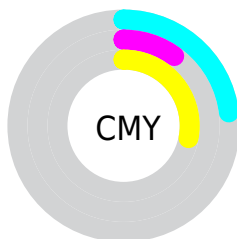
- Red (77%)
- Green (90%)
- Blue (72%)



- Red (72%)
- Yellow (90%)
- Blue (85%)



- Cyan (15%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)




- Cyan (23%)
- Magenta (10%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.7483, 0.3190, 0.3840 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 71.7483, 0.3190, 0.3840 by changing the saturation by 10% instead.


 71.7483, 0.3190,
0.3840

 71.7483, 0.3190,
0.3840


466.6651, 0.3165,
0.3577

 52.9531, 0.3194,
0.3902

 121.6986, 0.3182,
0.3747

 37.7653, 0.3199,
0.3981

153.6225, 0.3179,
0.3711

 25.8006, 0.3204,
0.4081

190.6914, 0.3176,
0.3681

 16.6745, 0.3209,
0.4216

233.2897, 0.3174,
0.3654

 10.0027, 0.3211,
0.4405

281.8019, 0.3171,
0.3631

 5.4008, 0.3205,
0.4687


336.6122, 0.3169,

 2.4843, 0.3176,


0.3611


0.5157


398.1051, 0.3167,
0.3593

 0.8687, 0.2849,
0.7151


 0.0000, 0.0000,
0.0000

 71.7483, 0.3190,
0.3840


 71.7483, 0.3190,
0.3840

 68.7618, 0.3216,
0.4148


 75.1450, 0.3160,
0.3557


 66.1605, 0.3235,
0.4473

 78.9573, 0.3129,
0.3301

 63.9310, 0.3246,
0.4803

 83.2024, 0.3096,
0.3073

 62.0551, 0.3244,
0.5122

 85.0800, 0.3138,
0.3049

■ 60.5132, 0.3229,
0.5409

■ 59.2837, 0.3200,
0.5644

■ 58.3416, 0.3158,
0.5811

■ 57.6769, 0.3114,
0.5910

Harmonies

Analogous

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



71.7483, 0.3509, 0.3880



71.7483, 0.3190, 0.3840



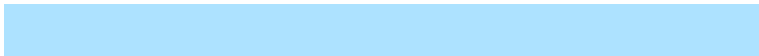
71.7483, 0.2866, 0.3625

Triad

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



71.7483, 0.3190, 0.3840



71.7483, 0.2550, 0.2810



71.7483, 0.3656, 0.3237

Complementary

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



71.7483, 0.3190, 0.3840



54.3231, 0.3047, 0.2767

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.



71.7483, 0.3375, 0.2985



71.7483, 0.3190, 0.3840



71.7483, 0.2738, 0.2743

Square

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



71.7483, 0.3190, 0.3840



71.7483, 0.2508, 0.3011



71.7483, 0.3036, 0.2808



71.7483, 0.3789, 0.3512

Rectangle

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



71.7483, 0.3190, 0.3840



71.7483, 0.2689, 0.3420



71.7483, 0.3036, 0.2808



71.7483, 0.3575, 0.3147

Sweetspot

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



71.7514, 0.3190, 0.3840



97.0142, 0.3146, 0.3440



69.7061, 0.3462, 0.3661



20.6980, 0.3149, 0.3457



0.0000, 0.0000, 0.0000



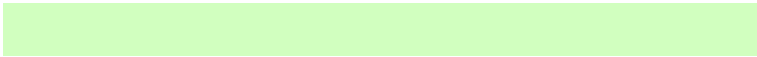
21.4041, 0.3127, 0.3290

Same Dimension

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



71.7514, 0.3190, 0.3840



88.8304, 0.3203, 0.3982



70.5220, 0.3039, 0.3729



16.2810, 0.3157, 0.3530



32.7022, 0.3123, 0.5902



2.4618, 0.3229, 0.5818

Inverse Universe

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



54.3231, 0.3047, 0.2767



62.6591, 0.3024, 0.2640



55.8397, 0.3230, 0.2888



14.4044, 0.3094, 0.3055



7.9123, 0.2521, 0.1162



0.6304, 0.2625, 0.1220

Previews

White Background



This preview shows how the Yxy color 71.7483, 0.3190, 0.3840 looks on a white background.

Color Contrast Check

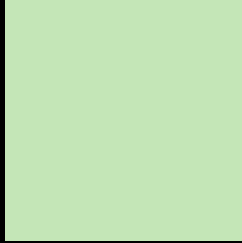
Large Text (above 18pt) WCAG AA × Fail

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 71.7483, 0.3190, 0.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

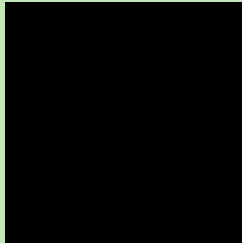
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

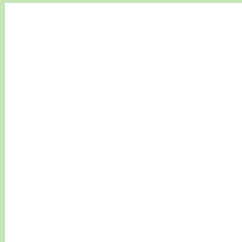
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7483, 0.3190, 0.3840

Background



This preview shows how black text looks on a background with the Yxy color 71.7483, 0.3190, 0.3840.

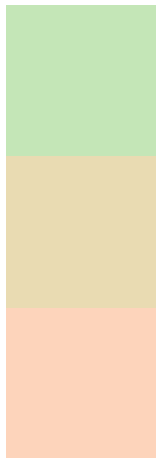


This preview shows how white text looks on a background with the Yxy color 71.7483, 0.3190, 0.3840.

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

71.7483, 0.3190, 0.3840

Protanopia

71.2010, 0.3515, 0.3737

Deuteranopia

71.5575, 0.3623, 0.3550



Tritanopia

71.5130, 0.2898, 0.3092

Trichromacy



Original Color

71.7483, 0.3190, 0.3840

Protanomaly

71.2863, 0.3394, 0.3772

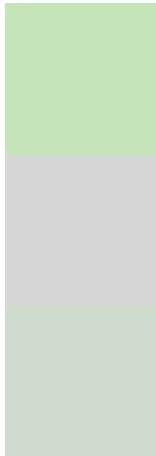
Deuteranomaly

71.3640, 0.3451, 0.3650

Tritanomaly

71.5215, 0.3007, 0.3357

Monochromacy



Original Color

71.7483, 0.3190, 0.3840

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.7636, 0.3147, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7483, 0.3190, 0.3840 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(196, 230, 183)` looks like.

```
.text, #text, p{  
    color:rgb(196, 230, 183)  
}
```

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(196, 230, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 230, 183) }
```

Border

The CSS property to change the border of an element to Yxy 71.7483, 0.3190, 0.3840 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(196, 230, 183) }
```

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

```
.border{ border-color:rgb(196, 230, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 230, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 230, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 230, 183);  
box-shadow:4px 4px 4px 4px rgb(196, 230,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7483, 0.3190, 0.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 230, 183) }
```

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

```
.background{ background-color: rgb(196,  
230, 183) }
```

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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