

Converting Colors

$Yxy(71.4156, 0.3253, 0.3791)$

Have a look what the booklet for
Yxy(71.4156, 0.3253, 0.3791)
contains.

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Color

Yxy(71.3780, 0.3251, 0.3785)

Conversions

Conversions Part 1

Format	Color
Hex	CDE3B8
RGB	205, 227, 184
RGB Percent	80%, 89%, 72%
CMY	0.1959, 0.1098, 0.2784
CMYK	0.10, 0.00, 0.19, 0.11
HSL	91°, 43%, 81%
HSV	91°, 19%, 89%
XYZ	61.3078, 71.3780, 55.8955
YIQ	215.5200, 0.6910, -18.0370

Conversions

Conversions Part 2

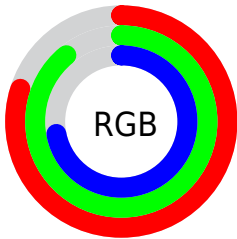
Format	Color
RYB	184, 227, 206
Decimal	13493176
CIELab	87.67, -14.83, 18.60
CIELCh	88, 23.789, 128.578
Yxy	71.3780, 0.3251, 0.3785
Android (android.graphics.Color)	4291683256 (0xFFCDE3B8)
YUV	215.5200, -15.5394, -9.2260
Hunter-Lab	84.4855, -18.3193, 19.9137

Details

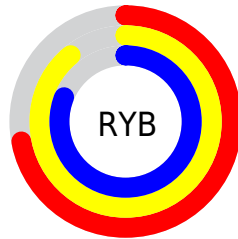
The Yxy color **71.3780, 0.3251, 0.3785** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.9435, 0.2982, 0.2797**, and the grayscale version is **68.4401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **37.7231, 0.3278, 0.3912** is the 20% darker color. If you saturate the color by 10%, you get **68.9163, 0.3313, 0.4074**, and if you desaturate by 10%, it is **74.1207, 0.3186, 0.3514**.

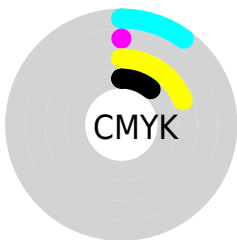
Distribution



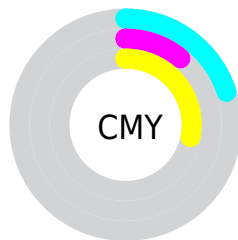
- Red (80%)
- Green (89%)
- Blue (72%)



- Red (72%)
- Yellow (89%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)




- Cyan (20%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3780, 0.3251, 0.3785 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 71.3780, 0.3251, 0.3785 by changing the saturation by 10% instead.


 71.3780, 0.3251,
0.3785

 71.3780, 0.3251,
0.3785


465.3737, 0.3197,
0.3549

 52.6507, 0.3263,
0.3840

 121.1718, 0.3233,
0.3702

 37.5240, 0.3276,
0.3910


153.0071, 0.3226,
0.3670

 25.6135, 0.3293,
0.3999


189.9806, 0.3219,
0.3643

 16.5347, 0.3313,
0.4118

232.4766, 0.3214,
0.3619

 9.9033, 0.3337,
0.4284

280.8795, 0.3209,
0.3598

 5.3349, 0.3365,
0.4529


335.5737, 0.3204,

 2.4451, 0.3393,


0.3580


0.4933


396.9437, 0.3200,
0.3564


 0.8489, 0.3438,
0.6562


 0.0000, 0.0000,
0.0000

 71.3780, 0.3251,
0.3785


 71.3780, 0.3251,
0.3785


 68.9163, 0.3313,
0.4074


 74.1207, 0.3186,
0.3514

 66.7165, 0.3367,
0.4374

 77.1444, 0.3120,
0.3265

 64.7709, 0.3411,
0.4676

 80.4611, 0.3056,
0.3038

 63.0683, 0.3439,
0.4965

 82.7374, 0.3115,
0.3017

■ 61.5961, 0.3448,
0.5226

■ 83.4141, 0.3140,
0.3019

■ 60.3404, 0.3435,
0.5444

■ 59.2852, 0.3401,
0.5608

■ 58.4071, 0.3349,
0.5718

■ 58.3213, 0.3343,
0.5728

Harmonies

Analogous

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



71.3780, 0.3514, 0.3786



71.3780, 0.3251, 0.3785



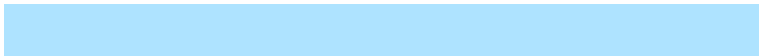
71.3780, 0.2963, 0.3632

Triad

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



71.3780, 0.3251, 0.3785



71.3780, 0.2604, 0.2905



71.3780, 0.3538, 0.3191

Complementary

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



71.3780, 0.3251, 0.3785



52.9435, 0.2982, 0.2797

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.



71.3780, 0.3276, 0.2981



71.3780, 0.3251, 0.3785



71.3780, 0.2741, 0.2816

Square

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



71.3780, 0.3251, 0.3785



71.3780, 0.2599, 0.3106



71.3780, 0.2984, 0.2846



71.3780, 0.3686, 0.3432

Rectangle

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



71.3780, 0.3251, 0.3785



71.3780, 0.2796, 0.3467



71.3780, 0.2984, 0.2846



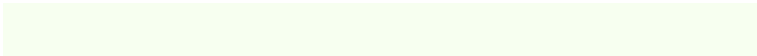
71.3780, 0.3459, 0.3115

Sweetspot

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



71.3811, 0.3251, 0.3785



97.6021, 0.3167, 0.3439



63.6924, 0.3454, 0.3532



20.8368, 0.3171, 0.3456



0.0000, 0.0000, 0.0000



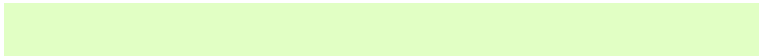
21.4041, 0.3127, 0.3290

Same Dimension

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



71.3811, 0.3251, 0.3785



91.5388, 0.3278, 0.3905



68.5861, 0.3103, 0.3808



16.4337, 0.3189, 0.3528



34.0847, 0.3354, 0.5719



2.5739, 0.3465, 0.5631

Inverse Universe

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



52.9435, 0.2982, 0.2797



63.0735, 0.2943, 0.2678



56.1586, 0.3149, 0.2821



14.2470, 0.3060, 0.3053



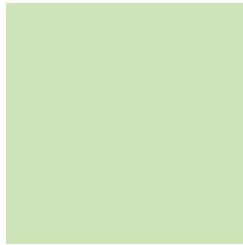
5.4647, 0.2046, 0.0901



0.4591, 0.2203, 0.0987

Previews

White Background



This preview shows how the Yxy color 71.3780, 0.3251, 0.3785 looks on a white background.

Color Contrast Check

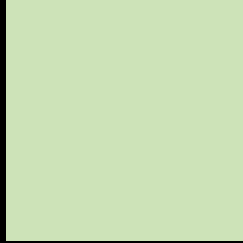
Large Text (above 18pt) WCAG AA × Fail

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 71.3780, 0.3251, 0.3785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

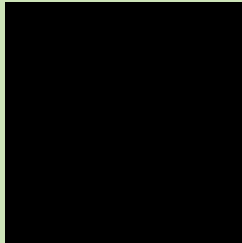
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

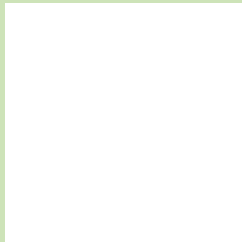
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3780, 0.3251, 0.3785

Background



This preview shows how black text looks on a background with the Yxy color 71.3780, 0.3251, 0.3785.



This preview shows how white text looks on a background with the Yxy color 71.3780, 0.3251, 0.3785.

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

71.3780, 0.3251, 0.3785

Protanopia

71.1141, 0.3494, 0.3717

Deuteranopia

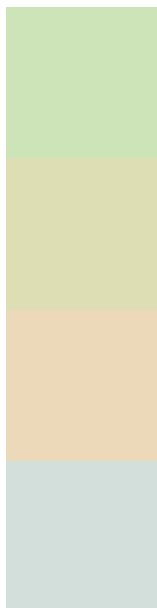
70.8718, 0.3618, 0.3541



Tritanopia

71.4470, 0.2969, 0.3105

Trichromacy



Original Color

71.3780, 0.3251, 0.3785

Protanomaly

71.1083, 0.3404, 0.3748

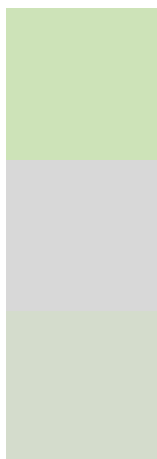
Deuteranomaly

70.8330, 0.3478, 0.3627

Tritanomaly

71.5389, 0.3069, 0.3345

Monochromacy



Original Color

71.3780, 0.3251, 0.3785

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.5431, 0.3176, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3780, 0.3251, 0.3785 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(205, 227, 184)` looks like.

```
.text, #text, p{  
    color:rgb(205, 227, 184)  
}
```

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(205, 227, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 227, 184) }
```

Border

The CSS property to change the border of an element to Yxy 71.3780, 0.3251, 0.3785 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(205, 227, 184) }
```

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

```
.border{ border-color:rgb(205, 227, 184) }
```

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

Here you see how a box with a 4 pixel rgb(205, 227, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 227, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 227, 184);  
box-shadow:4px 4px 4px 4px rgb(205, 227,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3780, 0.3251, 0.3785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 227, 184) }
```

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

```
.background{ background-color: rgb(205,  
227, 184) }
```

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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