

Converting Colors

$Yxy(71.8191, 0.3270, 0.3853)$

Have a look what the booklet for
Yxy(71.8191, 0.3270, 0.3853)
contains.

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Color

Yxy(71.6195, 0.3268, 0.3844)

Conversions

Conversions Part 1

Format	Color
Hex	CCE4B4
RGB	204, 228, 180
RGB Percent	80%, 89%, 71%
CMY	0.2000, 0.1059, 0.2940
CMYK	0.11, 0.00, 0.21, 0.11
HSL	90°, 47%, 80%
HSV	90°, 21%, 89%
XYZ	60.8878, 71.6195, 53.8078
YIQ	215.3520, 1.1040, -20.0160

Conversions

Conversions Part 2

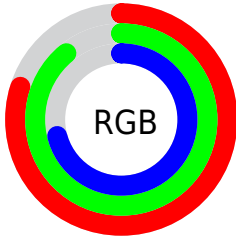
Format	Color
RYB	180, 228, 204
Decimal	13427892
CIELab	87.79, -16.33, 20.82
CIELCh	88, 26.457, 128.105
Yxy	71.6195, 0.3268, 0.3844
Android (android.graphics.Color)	4291617972 (0xFFCCE4B4)
YUV	215.3520, -17.4285, -9.9557
Hunter-Lab	84.6283, -19.6737, 21.5425

Details

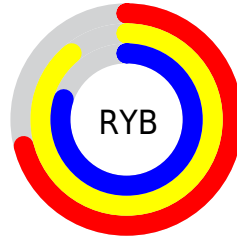
The Yxy color **71.6195, 0.3268, 0.3844** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.0940, 0.2959, 0.2737**, and the grayscale version is **68.3301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **37.8090, 0.3291, 0.3992** is the 20% darker color. If you saturate the color by 10%, you get **69.2157, 0.3330, 0.4135**, and if you desaturate by 10%, it is **74.3003, 0.3202, 0.3569**.

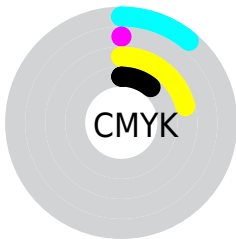
Distribution



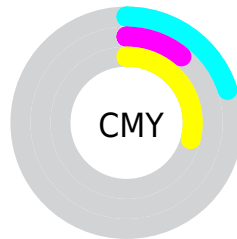
- Red (80%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)





- Cyan (20%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6195, 0.3268, 0.3844 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 71.6195, 0.3268, 0.3844 by changing the saturation by 10% instead.

 71.6195, 0.3268,
0.3844

 71.6195, 0.3268,
0.3844


466.2161, 0.3207,
0.3580

 52.8479, 0.3281,
0.3906


 121.5154, 0.3248,
0.3751

 37.6814, 0.3296,
0.3984


153.4085, 0.3239,
0.3715

 25.7355, 0.3314,
0.4084


190.4442, 0.3232,
0.3684

 16.6259, 0.3336,
0.4217

233.0070, 0.3226,
0.3658

 9.9681, 0.3361,
0.4403

281.4812, 0.3220,
0.3635

 5.3778, 0.3389,
0.4677


336.2512, 0.3215,

 2.4706, 0.3422,


0.3614


0.5144


397.7013, 0.3211,
0.3596

 0.8619, 0.3280,
0.6720


 0.0000, 0.0000,
0.0000


 71.6195, 0.3268,
0.3844


 71.6195, 0.3268,
0.3844


 69.2157, 0.3330,
0.4135


 74.3003, 0.3202,
0.3569


 67.0696, 0.3385,
0.4436

 77.2582, 0.3134,
0.3315

 65.1736, 0.3427,
0.4734

 80.5052, 0.3068,
0.3084

 63.5162, 0.3453,
0.5017

 82.9601, 0.3103,
0.3026

■ 62.0847, 0.3459,
0.5269

■ 83.9672, 0.3139,
0.3029

■ 60.8647, 0.3443,
0.5475

■ 59.8398, 0.3404,
0.5625

■ 59.0642, 0.3357,
0.5717

Harmonies

Analogous

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



71.6195, 0.3559, 0.3840



71.6195, 0.3268, 0.3844



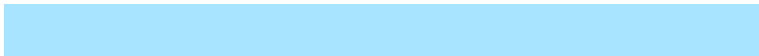
71.6195, 0.2949, 0.3675

Triad

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



71.6195, 0.3268, 0.3844



71.6195, 0.2547, 0.2865



71.6195, 0.3580, 0.3175

Complementary

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



71.6195, 0.3268, 0.3844



51.0940, 0.2959, 0.2737

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.



71.6195, 0.3287, 0.2946



71.6195, 0.3268, 0.3844



71.6195, 0.2696, 0.2766

Square

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



71.6195, 0.3268, 0.3844



71.6195, 0.2544, 0.3088



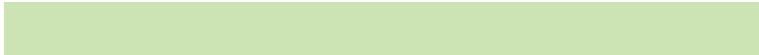
71.6195, 0.2962, 0.2799



71.6195, 0.3748, 0.3440

Rectangle

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



71.6195, 0.3268, 0.3844



71.6195, 0.2764, 0.3491



71.6195, 0.2962, 0.2799



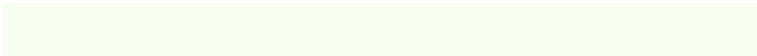
71.6195, 0.3492, 0.3092

Sweetspot

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



71.6226, 0.3268, 0.3844



97.6312, 0.3168, 0.3439



62.9826, 0.3495, 0.3560



20.8436, 0.3172, 0.3456



0.0000, 0.0000, 0.0000



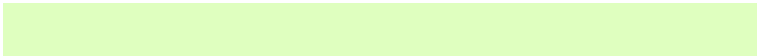
21.4041, 0.3127, 0.3290

Same Dimension

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



71.6226, 0.3268, 0.3844



91.0002, 0.3294, 0.3962



68.4900, 0.3100, 0.3873



16.4413, 0.3191, 0.3528



34.1761, 0.3368, 0.5708



2.5807, 0.3478, 0.5620

Inverse Universe

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



51.0940, 0.2959, 0.2737



60.2989, 0.2919, 0.2619



54.7487, 0.3152, 0.2768



14.2394, 0.3058, 0.3053



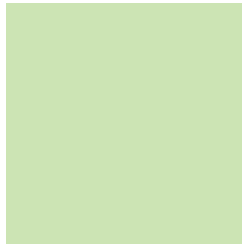
5.3710, 0.2026, 0.0890



0.4521, 0.2184, 0.0977

Previews

White Background



This preview shows how the Yxy color 71.6195, 0.3268, 0.3844 looks on a white background.

Color Contrast Check

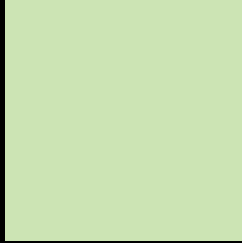
Large Text (above 18pt) WCAG AA × Fail

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 71.6195, 0.3268, 0.3844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

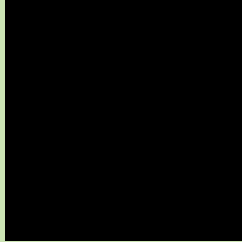
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

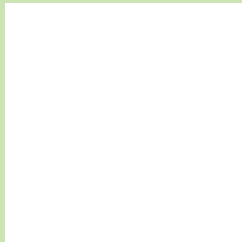
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6195, 0.3268, 0.3844

Background



This preview shows how black text looks on a background with the Yxy color 71.6195, 0.3268, 0.3844.

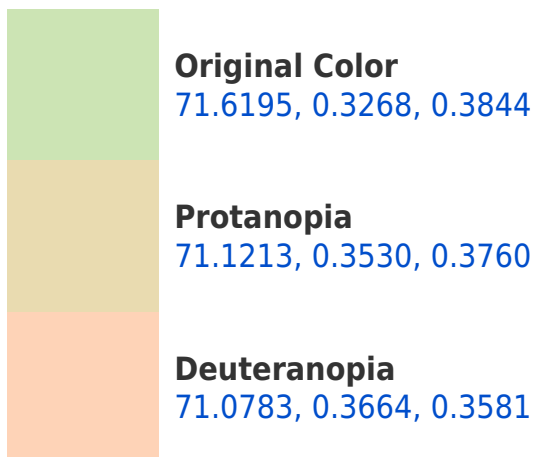


This preview shows how white text looks on a background with the Yxy color 71.6195, 0.3268, 0.3844.

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

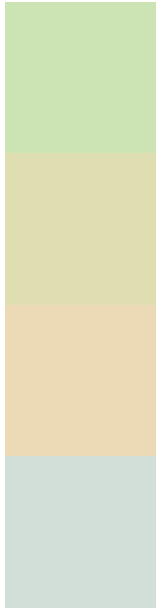




Tritanopia

71.5056, 0.2963, 0.3095

Trichromacy



Original Color

71.6195, 0.3268, 0.3844

Protanomaly

70.9465, 0.3432, 0.3793

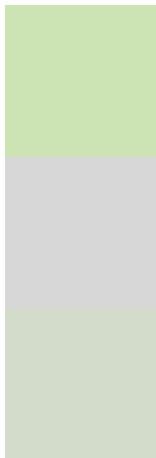
Deuteranomaly

70.8360, 0.3515, 0.3670

Tritanomaly

71.4867, 0.3075, 0.3357

Monochromacy



Original Color

71.6195, 0.3268, 0.3844

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.2996, 0.3182, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6195, 0.3268, 0.3844 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(204, 228, 180)` looks like.

```
.text, #text, p{  
    color:rgb(204, 228, 180)  
}
```

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(204, 228, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 228, 180) }
```

Border

The CSS property to change the border of an element to Yxy 71.6195, 0.3268, 0.3844 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(204, 228, 180) }
```

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

```
.border{ border-color:rgb(204, 228, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 228, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 228, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 228, 180);  
box-shadow:4px 4px 4px 4px rgb(204, 228,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6195, 0.3268, 0.3844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 228, 180) }
```

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

```
.background{ background-color: rgb(204,  
228, 180) }
```

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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