

Converting Colors

$Yxy(71.4828, 0.3339, 0.3789)$

Have a look what the booklet for
Yxy(71.4828, 0.3339, 0.3789)
contains.

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Color

Yxy(71.4828, 0.3339, 0.3789)

Conversions

Conversions Part 1

Format	Color
Hex	D6E1B5
RGB	214, 225, 181
RGB Percent	84%, 88%, 71%
CMY	0.1608, 0.1176, 0.2903
CMYK	0.05, 0.00, 0.20, 0.12
HSL	75°, 42%, 80%
HSV	75°, 20%, 88%
XYZ	62.9932, 71.4828, 54.1828
YIQ	216.6950, 7.5680, -16.0160

Conversions

Conversions Part 2

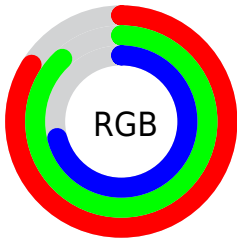
Format	Color
R _{YB}	181, 225, 192
Decimal	14082485
CIE _{Lab}	87.72, -11.13, 20.34
CIE _{LCh}	88, 23.184, 118.690
Y _{xy}	71.4828, 0.3339, 0.3789
Android (android.graphics.Color)	4292272565 (0xFFD6E1B5)
YUV	216.6950, -17.5976, -2.3635
Hunter-Lab	84.5475, -14.9645, 21.1869

Details

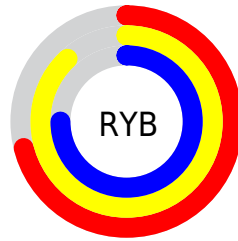
The Yxy color **71.4828, 0.3339, 0.3789** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.6841, 0.2886, 0.2766**, and the grayscale version is **69.2869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **37.6789, 0.3385, 0.3916** is the 20% darker color. If you saturate the color by 10%, you get **69.8029, 0.3446, 0.4059**, and if you desaturate by 10%, it is **73.3475, 0.3230, 0.3527**.

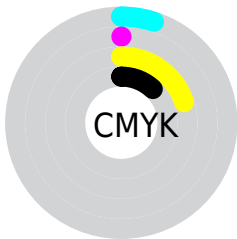
Distribution



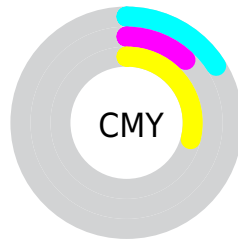
- Red (84%)
- Green (88%)
- Blue (71%)



- Red (71%)
- Yellow (88%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)





- Cyan (16%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.4828, 0.3339, 0.3789 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 71.4828, 0.3339, 0.3789 by changing the saturation by 10% instead.

 71.4828, 0.3339,
0.3789

 71.4828, 0.3339,
0.3789

465.7394, 0.3243,
0.3553

 52.7363, 0.3360,
0.3844

 121.3209, 0.3306,
0.3706

 37.5923, 0.3386,
0.3913


153.1813, 0.3294,
0.3674

 25.6664, 0.3417,
0.4001


190.1818, 0.3282,
0.3647

 16.5742, 0.3457,
0.4117

232.7068, 0.3273,
0.3623

 9.9314, 0.3508,
0.4278

281.1406, 0.3264,
0.3602

 5.3535, 0.3574,
0.4513

335.8678, 0.3256,

 2.4561, 0.3670,

0.3584

0.4904

397.2726, 0.3250,
0.3567

0.8545, 0.3875,
0.6125

0.0000, 0.0000,
0.0000

71.4828, 0.3339,
0.3789

71.4828, 0.3339,
0.3789

69.8029, 0.3446,
0.4059

73.3475, 0.3230,
0.3527

68.2908, 0.3545,
0.4329

75.3945, 0.3123,
0.3280

66.9418, 0.3634,
0.4591

77.6334, 0.3019,
0.3049

65.7470, 0.3705,
0.4831

78.9977, 0.3016,
0.2988

■ 64.6967, 0.3754,
0.5039

■ 79.9799, 0.3054,
0.2991

■ 63.7798, 0.3778,
0.5206

■ 80.9928, 0.3092,
0.2995

■ 62.9832, 0.3776,
0.5324

■ 82.0367, 0.3130,
0.2998

■ 62.2854, 0.3753,
0.5400

■ 82.3360, 0.3141,
0.2999

■ 62.2564, 0.3751,
0.5403

Harmonies

Analogous

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



71.4828, 0.3570, 0.3743



71.4828, 0.3339, 0.3789



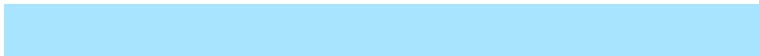
71.4828, 0.3058, 0.3686

Triad

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



71.4828, 0.3339, 0.3789



71.4828, 0.2600, 0.2969



71.4828, 0.3452, 0.3120

Complementary

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



71.4828, 0.3339, 0.3789



49.6841, 0.2886, 0.2766

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.



71.4828, 0.3178, 0.2936



71.4828, 0.3339, 0.3789



71.4828, 0.2693, 0.2844

Square

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



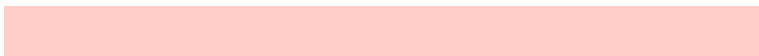
71.4828, 0.3339, 0.3789



71.4828, 0.2639, 0.3193



71.4828, 0.2901, 0.2835



71.4828, 0.3640, 0.3351

Rectangle

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



71.4828, 0.3339, 0.3789



71.4828, 0.2881, 0.3545



71.4828, 0.2901, 0.2835



71.4828, 0.3366, 0.3052

Sweetspot

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



71.4859, 0.3339, 0.3789



98.3343, 0.3192, 0.3438



57.0391, 0.3489, 0.3417



21.0100, 0.3199, 0.3455



0.0000, 0.0000, 0.0000



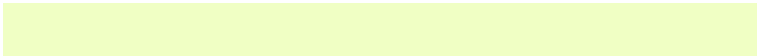
21.4041, 0.3127, 0.3290

Same Dimension

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



71.4859, 0.3339, 0.3789



94.1026, 0.3378, 0.3885



68.3964, 0.3179, 0.3815



15.8478, 0.3229, 0.3524



35.9291, 0.3758, 0.5398



2.5318, 0.3828, 0.5342

Inverse Universe

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



49.6841, 0.2886, 0.2766



60.7114, 0.2835, 0.2658



52.7738, 0.3061, 0.2792



13.4082, 0.3019, 0.3050



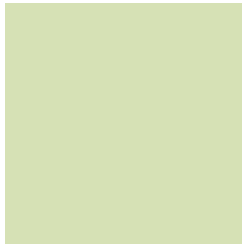
3.6690, 0.1648, 0.0682



0.2962, 0.1805, 0.0768

Previews

White Background



This preview shows how the Yxy color 71.4828, 0.3339, 0.3789 looks on a white background.

Color Contrast Check

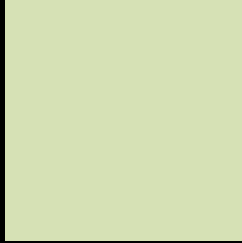
Large Text (above 18pt) WCAG AA × Fail

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 71.4828, 0.3339, 0.3789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

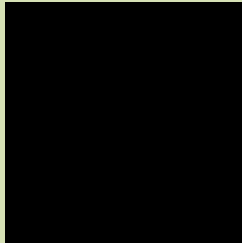
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

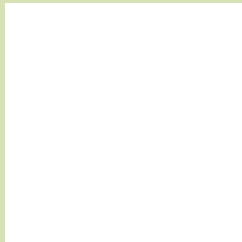
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4828, 0.3339, 0.3789

Background



This preview shows how black text looks on a background with the Yxy color 71.4828, 0.3339, 0.3789.

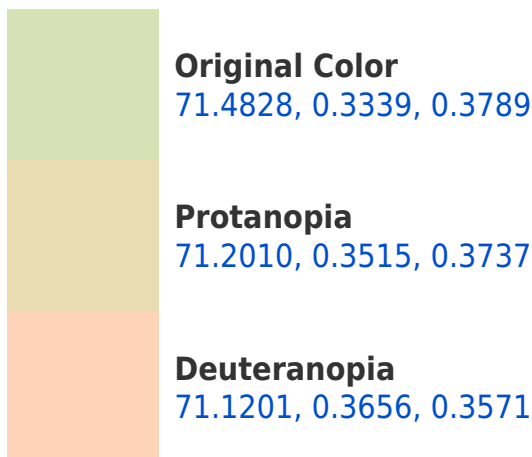


This preview shows how white text looks on a background with the Yxy color 71.4828, 0.3339, 0.3789.

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

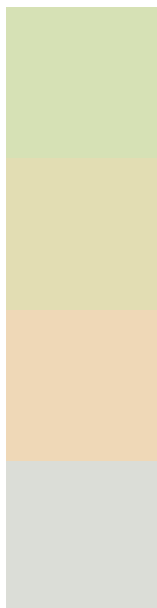




Tritanopia

71.6706, 0.3044, 0.3108

Trichromacy



Original Color

71.4828, 0.3339, 0.3789

Protanomaly

71.1363, 0.3450, 0.3755

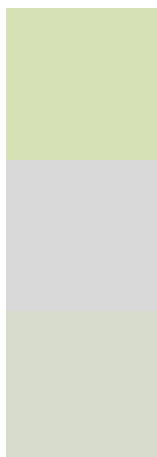
Deuteranomaly

70.8814, 0.3533, 0.3645

Tritanomaly

71.6793, 0.3153, 0.3356

Monochromacy



Original Color

71.4828, 0.3339, 0.3789

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.1450, 0.3205, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4828, 0.3339, 0.3789 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(214, 225, 181)` looks like.

```
.text, #text, p{  
    color:rgb(214, 225, 181)  
}
```

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(214, 225, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 225, 181) }
```

Border

The CSS property to change the border of an element to Yxy 71.4828, 0.3339, 0.3789 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(214, 225, 181) }
```

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

```
.border{ border-color:rgb(214, 225, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 225, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 225, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 225, 181); box-shadow:4px 4px 4px 4px rgb(214, 225, 181) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4828, 0.3339, 0.3789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 225, 181) }
```

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

```
.background{ background-color: rgb(214,  
225, 181) }
```

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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