

Converting Colors

$Yxy(71.9867, 0.3399, 0.3781)$

Have a look what the booklet for
Yxy(71.9867, 0.3399, 0.3781)
contains.

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Color

Yxy(71.9787, 0.3400, 0.3781)

Conversions

Conversions Part 1

Format	Color
Hex	DDE0B4
RGB	221, 224, 180
RGB Percent	87%, 88%, 71%
CMY	0.1331, 0.1216, 0.2941
CMYK	0.01, 0.00, 0.20, 0.12
HSL	64°, 41%, 79%
HSV	64°, 20%, 88%
XYZ	64.7256, 71.9787, 53.6652
YIQ	218.0870, 12.3360, -14.3200

Conversions

Conversions Part 2

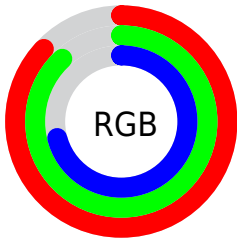
Format	Color
RYB	180, 224, 183
Decimal	14540980
CIELab	87.96, -8.20, 21.26
CIELCh	88, 22.784, 111.097
Yxy	71.9787, 0.3400, 0.3781
Android (android.graphics.Color)	4292731060 (0xFFDDE0B4)
YUV	218.0870, -18.7769, 2.5547
Hunter-Lab	84.8403, -12.2907, 21.8847

Details

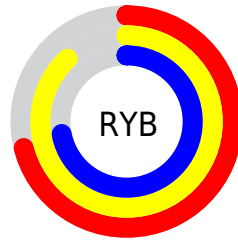
The Yxy color **71.9787, 0.3400, 0.3781** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.0870, 0.2823, 0.2755**, and the grayscale version is **70.3069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **38.0152, 0.3465, 0.3903** is the 20% darker color. If you saturate the color by 10%, you get **70.9079, 0.3539, 0.4037**, and if you desaturate by 10%, it is **73.2055, 0.3260, 0.3527**.

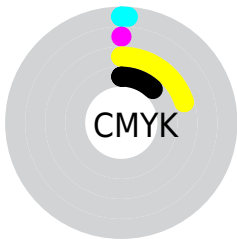
Distribution



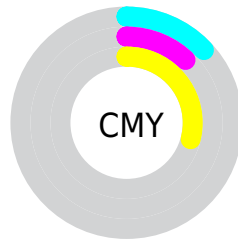
- Red (87%)
- Green (88%)
- Blue (71%)



- Red (71%)
- Yellow (88%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)





- Cyan (13%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9787, 0.3400, 0.3781 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 71.9787, 0.3400, 0.3781 by changing the saturation by 10% instead.


 71.9787, 0.3400,
0.3781

 71.9787, 0.3400,
0.3781


467.4675, 0.3276,
0.3550

 53.1413, 0.3428,
0.3835


 122.0262, 0.3357,
0.3700

 37.9156, 0.3461,
0.3901


154.0052, 0.3341,
0.3669

 25.9172, 0.3503,
0.3986

191.1334, 0.3326,
0.3642

 16.7617, 0.3557,
0.4097

233.7952, 0.3314,
0.3619

 10.0647, 0.3626,
0.4249

282.3752, 0.3303,
0.3598

 5.4419, 0.3719,
0.4468

337.2576, 0.3293,

 2.5088, 0.3862,

0.3580

0.4831

398.8269, 0.3284,
0.3564

0.8810, 0.4197,
0.5803

0.0000, 0.0000,
0.0000

71.9787, 0.3400,
0.3781

71.9787, 0.3400,
0.3781

70.9079, 0.3539,
0.4037

73.2055, 0.3260,
0.3527

69.9765, 0.3673,
0.4285


74.5852, 0.3122,
0.3281


69.1800, 0.3794,
0.4517


76.1274, 0.2991,
0.3048


68.5099, 0.3899,
0.4722


76.8613, 0.2953,
0.2971

 67.9569, 0.3981,
0.4891

 77.1053, 0.2963,
0.2972

 67.5105, 0.4037,
0.5018


 77.3514, 0.2973,
0.2973


 67.1579, 0.4067,
0.5100

 77.5997, 0.2983,
0.2974

 66.8779, 0.4076,
0.5144

 77.8500, 0.2993,
0.2975

 66.8681, 0.4076,
0.5146

 78.1025, 0.3003,
0.2976

Harmonies

Analogous

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



71.9787, 0.3603, 0.3702



71.9787, 0.3400, 0.3781



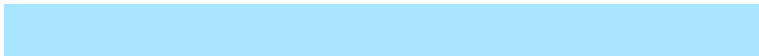
71.9787, 0.3130, 0.3717

Triad

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



71.9787, 0.3400, 0.3781



71.9787, 0.2607, 0.3024



71.9787, 0.3382, 0.3072

Complementary

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



71.9787, 0.3400, 0.3781



48.0870, 0.2823, 0.2755

Split Complementary

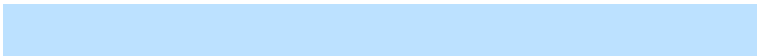
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9787, 0.3105, 0.2908



71.9787, 0.3400, 0.3781



71.9787, 0.2667, 0.2873

Square

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



71.9787, 0.3400, 0.3781



71.9787, 0.2679, 0.3261



71.9787, 0.2845, 0.2835



71.9787, 0.3595, 0.3291

Rectangle

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



71.9787, 0.3400, 0.3781



71.9787, 0.2949, 0.3598



71.9787, 0.2845, 0.2835



71.9787, 0.3293, 0.3009

Sweetspot

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



71.9819, 0.3400, 0.3781



98.8604, 0.3210, 0.3438



52.9834, 0.3508, 0.3325



21.1347, 0.3219, 0.3454



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.



71.9819, 0.3400, 0.3781



95.9002, 0.3464, 0.3897



68.7522, 0.3237, 0.3807



15.9806, 0.3257, 0.3522



38.9466, 0.4078, 0.5144



2.7138, 0.4096, 0.5129

Inverse Universe

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



48.0870, 0.2823, 0.2755



57.7043, 0.2742, 0.2613



50.9962, 0.2995, 0.2781



13.2867, 0.2991, 0.3048



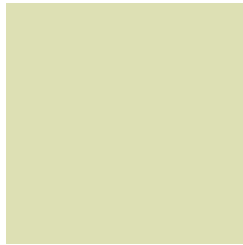
3.2089, 0.1522, 0.0612



0.2380, 0.1584, 0.0646

Previews

White Background



This preview shows how the Yxy color 71.9787, 0.3400, 0.3781 looks on a white background.

Color Contrast Check

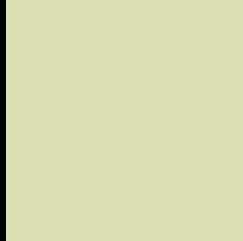
Large Text (above 18pt) WCAG AA × Fail

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 71.9787, 0.3400, 0.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

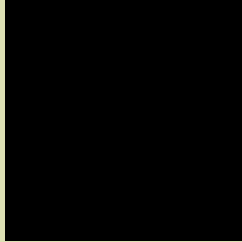
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

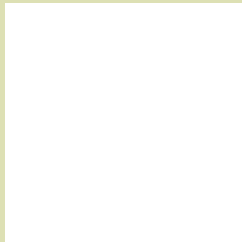
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9787, 0.3400, 0.3781

Background



This preview shows how black text looks on a background with the Yxy color 71.9787, 0.3400, 0.3781.

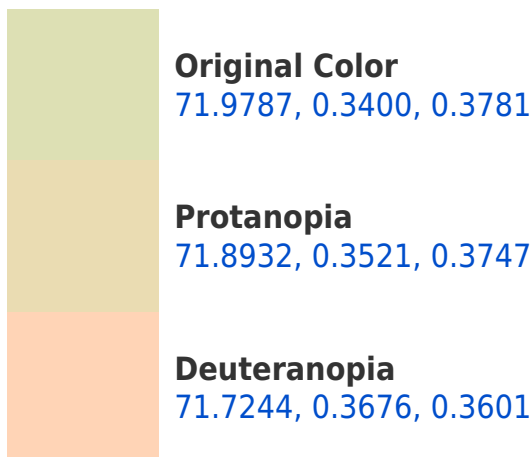


This preview shows how white text looks on a background with the Yxy color 71.9787, 0.3400, 0.3781.

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

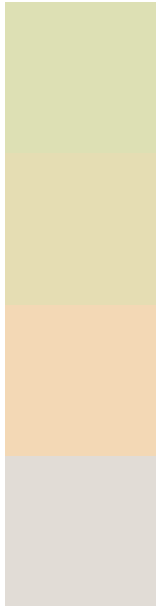




Tritanopia

72.0602, 0.3093, 0.3110

Trichromacy



Original Color

71.9787, 0.3400, 0.3781

Protanomaly

71.6256, 0.3473, 0.3752

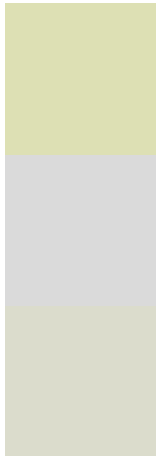
Deuteranomaly

71.5026, 0.3579, 0.3663

Tritanomaly

72.0490, 0.3203, 0.3355

Monochromacy



Original Color

71.9787, 0.3400, 0.3781

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.6061, 0.3227, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9787, 0.3400, 0.3781 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(221, 224, 180)` looks like.

```
.text, #text, p{  
    color:rgb(221, 224, 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(221, 224, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 224, 180) }
```

Border

The CSS property to change the border of an element to Yxy 71.9787, 0.3400, 0.3781 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(221, 224, 180) }
```

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

```
.border{ border-color:rgb(221, 224, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 224, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 224, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 224, 180);  
box-shadow:4px 4px 4px 4px rgb(221, 224,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9787, 0.3400, 0.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 224, 180) }
```

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

```
.background{ background-color: rgb(221,  
224, 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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