

Converting Colors

$Yxy(71.8368, 0.3488, 0.3944)$

Have a look what the booklet for
Yxy(71.8368, 0.3488, 0.3944)
contains.

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Color

Yxy(71.9758, 0.3492, 0.3950)

Conversions

Conversions Part 1

Format	Color
Hex	DDE1A6
RGB	221, 225, 166
RGB Percent	87%, 88%, 65%
CMY	0.1333, 0.1176, 0.3490
CMYK	0.02, 0.00, 0.26, 0.12
HSL	64°, 50%, 77%
HSV	64°, 26%, 88%
XYZ	63.6303, 71.9758, 46.6112
YIQ	217.0780, 16.5550, -19.1970

Conversions

Conversions Part 2

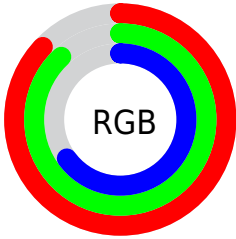
Format	Color
RYB	166, 225, 170
Decimal	14541222
CIELab	87.96, -10.69, 28.50
CIELCh	88, 30.443, 110.559
Yxy	71.9758, 0.3492, 0.3950
Android (android.graphics.Color)	4292731302 (0xFFDDE1A6)
YUV	217.0780, -25.1815, 3.4396
Hunter-Lab	84.8386, -14.5897, 26.8125

Details

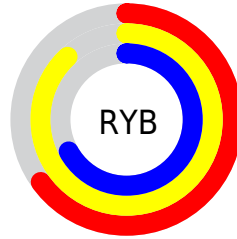
The Yxy color **71.9758, 0.3492, 0.3950** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.2497, 0.2705, 0.2547**, and the grayscale version is **69.6147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **37.9637, 0.3564, 0.4108** is the 20% darker color. If you saturate the color by 10%, you get **70.9869, 0.3628, 0.4202**, and if you desaturate by 10%, it is **73.1178, 0.3352, 0.3694**.

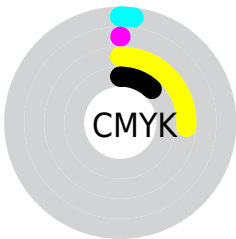
Distribution



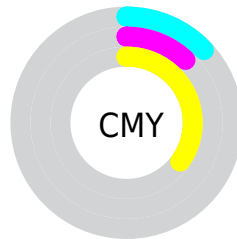
- Red (87%)
- Green (88%)
- Blue (65%)



- Red (65%)
- Yellow (88%)
- Blue (67%)



- Cyan (2%)
- Magenta (0%)
- Yellow (26%)
- Black (12%)





- Cyan (13%)
- Magenta (12%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9758, 0.3492, 0.3950 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 71.9758, 0.3492, 0.3950 by changing the saturation by 10% instead.


 71.9758, 0.3492,
0.3950


 71.9758, 0.3492,
0.3950


467.4574, 0.3328,
0.3639

 53.1389, 0.3528,
0.4022


 122.0221, 0.3436,
0.3841

 37.9137, 0.3571,
0.4111


 154.0003, 0.3414,
0.3799

 25.9157, 0.3624,
0.4223


191.1278, 0.3395,
0.3763

 16.7606, 0.3689,
0.4371

233.7889, 0.3378,
0.3732

 10.0639, 0.3771,
0.4569

282.3680, 0.3363,
0.3704

 5.4414, 0.3871,
0.4848

337.2495, 0.3350,

 2.5085, 0.4147,

0.3680

0.5478

398.8178, 0.3338,
0.3658

0.8809, 0.3955,
0.6045

0.0000, 0.0000,
0.0000

71.9758, 0.3492,
0.3950

71.9758, 0.3492,
0.3950

70.9869, 0.3628,
0.4202

73.1178, 0.3352,
0.3694

70.1338, 0.3754,
0.4441

74.4102, 0.3212,
0.3442

69.4116, 0.3865,
0.4657

75.8626, 0.3077,
0.3200

68.8111, 0.3955,
0.4839

77.4172, 0.2954,
0.2982

68.3222, 0.4020,
0.4981

77.6655, 0.2964,
0.2983

67.9328, 0.4059,
0.5078

77.9159, 0.2974,
0.2984

67.6280, 0.4073,
0.5133

78.1685, 0.2984,
0.2985

67.5252, 0.4074,
0.5147

78.4233, 0.2994,
0.2986

78.6803, 0.3004,
0.2987

Harmonies

Analogous

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



71.9758, 0.3764, 0.3830



71.9758, 0.3492, 0.3950



71.9758, 0.3132, 0.3874

Triad

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



71.9758, 0.3492, 0.3950



71.9758, 0.2443, 0.2934



71.9758, 0.3460, 0.2997

Complementary

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



71.9758, 0.3492, 0.3950



41.2497, 0.2705, 0.2547

Split Complementary

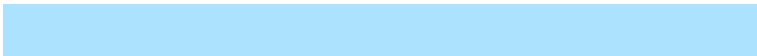
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9758, 0.3088, 0.2786



71.9758, 0.3492, 0.3950



71.9758, 0.2517, 0.2738

Square

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



71.9758, 0.3492, 0.3950



71.9758, 0.2537, 0.3251



71.9758, 0.2746, 0.2691



71.9758, 0.3751, 0.3280

Rectangle

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



71.9758, 0.3492, 0.3950



71.9758, 0.2893, 0.3712



71.9758, 0.2746, 0.2691



71.9758, 0.3339, 0.2916

Sweetspot

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



71.9790, 0.3492, 0.3950



98.4948, 0.3238, 0.3488



47.4828, 0.3676, 0.3338



21.0247, 0.3259, 0.3526



0.0000, 0.0000, 0.0000



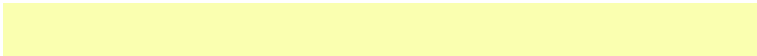
21.4041, 0.3127, 0.3290

Same Dimension

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



71.9790, 0.3492, 0.3950



94.9145, 0.3561, 0.4077



67.7536, 0.3272, 0.3999



15.9800, 0.3257, 0.3522



38.9312, 0.4076, 0.5146



2.7129, 0.4095, 0.5130

Inverse Universe

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



41.2497, 0.2705, 0.2547



48.1095, 0.2609, 0.2383



44.9075, 0.2941, 0.2595



13.2873, 0.2991, 0.3048



3.2099, 0.1522, 0.0612



0.2382, 0.1585, 0.0647

Previews

White Background



This preview shows how the Yxy color 71.9758, 0.3492, 0.3950 looks on a white background.

Color Contrast Check

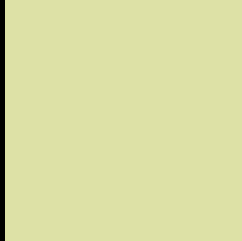
Large Text (above 18pt) WCAG AA × Fail

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 71.9758, 0.3492, 0.3950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

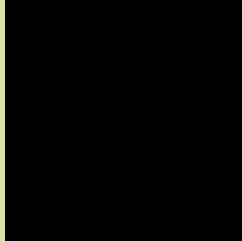
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

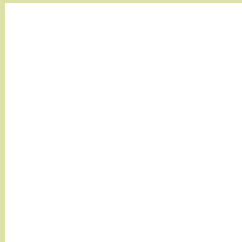
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9758, 0.3492, 0.3950

Background



This preview shows how black text looks on a background with the Yxy color 71.9758, 0.3492, 0.3950.



This preview shows how white text looks on a background with the Yxy color 71.9758, 0.3492, 0.3950.

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

71.9758, 0.3492, 0.3950

Protanopia

71.6996, 0.3635, 0.3896

Deuteranopia

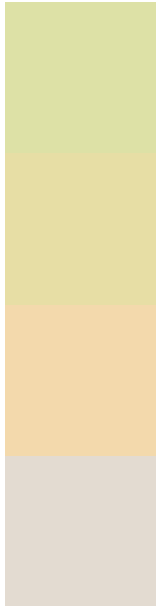
71.4421, 0.3729, 0.3673



Tritanopia

71.8179, 0.3114, 0.3111

Trichromacy



Original Color

71.9758, 0.3492, 0.3950

Protanomaly

71.9481, 0.3583, 0.3914

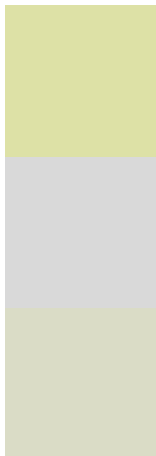
Deuteranomaly

71.6590, 0.3641, 0.3770

Tritanomaly

71.5974, 0.3253, 0.3399

Monochromacy



Original Color

71.9758, 0.3492, 0.3950

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.1690, 0.3261, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9758, 0.3492, 0.3950 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, 225, 166)` looks like.

```
.text, #text, p{  
    color:rgb(221, 225, 166)  
}
```

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, 225, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 225, 166) }
```

Border

The CSS property to change the border of an element to Yxy 71.9758, 0.3492, 0.3950 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, 225, 166) }
```

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

```
.border{ border-color:rgb(221, 225, 166) }
```

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

Here you see how a box with a 4 pixel rgb(221, 225, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 225, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 225, 166);  
box-shadow:4px 4px 4px 4px rgb(221, 225,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9758, 0.3492, 0.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 225, 166) }
```

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

```
.background{ background-color: rgb(221,  
225, 166) }
```

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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