

Converting Colors

$Yxy(71.0574, 0.3464, 0.4073)$

Have a look what the booklet for
Yxy(71.0574, 0.3464, 0.4073)
contains.

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Color

Yxy(71.2557, 0.3464, 0.4079)

Conversions

Conversions Part 1

Format	Color
Hex	D3E39E
RGB	211, 227, 158
RGB Percent	83%, 89%, 62%
CMY	0.1724, 0.1098, 0.3803
CMYK	0.07, 0.00, 0.30, 0.11
HSL	74°, 55%, 75%
HSV	74°, 30%, 89%
XYZ	60.5123, 71.2557, 42.9211
YIQ	214.3500, 12.6130, -24.8510

Conversions

Conversions Part 2

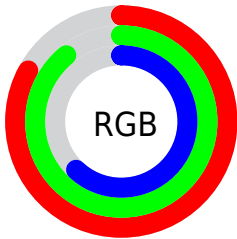
Format	Color
RYB	158, 227, 174
Decimal	13886366
CIELab	87.61, -16.46, 31.99
CIELCh	88, 35.976, 117.220
Yxy	71.2557, 0.3464, 0.4079
Android (android.graphics.Color)	4292076446 (0xFFD3E39E)
YUV	214.3500, -27.7805, -2.9379
Hunter-Lab	84.4131, -19.7635, 28.9423

Details

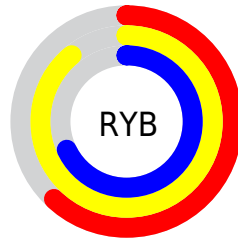
The Yxy color **71.2557, 0.3464, 0.4079** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0044, 0.2714, 0.2431**, and the grayscale version is **67.6835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5841, 0.3376, 0.3701**, and **37.6136, 0.3533, 0.4277** is the 20% darker color. If you saturate the color by 10%, you get **69.7842, 0.3567, 0.4347**, and if you desaturate by 10%, it is **72.9033, 0.3354, 0.3810**.

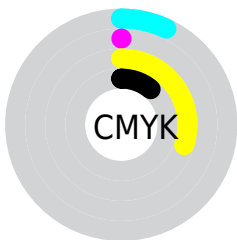
Distribution



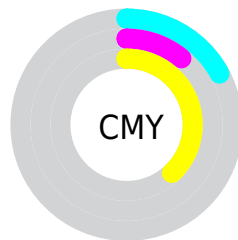
- Red (83%)
- Green (89%)
- Blue (62%)



- Red (62%)
- Yellow (89%)
- Blue (68%)



- Cyan (7%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)




- Cyan (17%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2557, 0.3464, 0.4079 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 71.2557, 0.3464, 0.4079 by changing the saturation by 10% instead.


 71.2557, 0.3464,
0.4079


 71.2557, 0.3464,
0.4079


464.9468, 0.3316,
0.3703

 52.5509, 0.3495,
0.4167


 120.9977, 0.3415,
0.3947

 37.4444, 0.3532,
0.4275


 152.8038, 0.3395,
0.3896

 25.5517, 0.3576,
0.4414


189.7456, 0.3377,
0.3853

 16.4886, 0.3627,
0.4595

232.2078, 0.3362,
0.3815

 9.8705, 0.3686,
0.4840

280.5746, 0.3349,
0.3782

 5.3132, 0.3744,
0.5185


335.2304, 0.3337,

 2.4322, 0.3983,


0.3753


0.6017


396.5597, 0.3326,
0.3727


 0.8424, 0.3214,
0.6786

 0.0000, 0.0000,
0.0000

 71.2557, 0.3464,
0.4079


 71.2557, 0.3464,
0.4079


 69.7842, 0.3567,
0.4347


 72.9033, 0.3354,
0.3810


 68.4712, 0.3657,
0.4604


 74.7250, 0.3242,
0.3548


 67.3107, 0.3730,
0.4839

 76.7311, 0.3131,
0.3299

 66.2928, 0.3780,
0.5040

 78.9284, 0.3024,
0.3067

 65.4061, 0.3805,
0.5198


 80.2128, 0.3021,
0.3009

 64.6371, 0.3805,
0.5309

 81.1322, 0.3056,
0.3012

 63.9867, 0.3784,
0.5378

 82.0782, 0.3091,
0.3015

 83.0512, 0.3127,
0.3018

 83.4161, 0.3140,
0.3019

Harmonies

Analogous

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



71.2557, 0.3821, 0.3973



71.2557, 0.3464, 0.4079



71.2557, 0.3032, 0.3937

Triad

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



71.2557, 0.3464, 0.4079



71.2557, 0.2328, 0.2799



71.2557, 0.3611, 0.3012

Complementary

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



71.2557, 0.3464, 0.4079



39.0044, 0.2714, 0.2431

Split Complementary

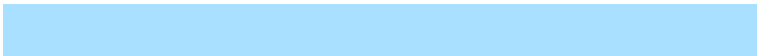
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.2557, 0.3177, 0.2746



71.2557, 0.3464, 0.4079



71.2557, 0.2455, 0.2613

Square

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



71.2557, 0.3464, 0.4079



71.2557, 0.2392, 0.3146



71.2557, 0.2756, 0.2601



71.2557, 0.3919, 0.3351

Rectangle

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



71.2557, 0.3464, 0.4079



71.2557, 0.2761, 0.3713



71.2557, 0.2756, 0.2601



71.2557, 0.3473, 0.2913

Sweetspot

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



71.2589, 0.3464, 0.4079



97.6153, 0.3227, 0.3514



48.6740, 0.3759, 0.3466



20.8152, 0.3244, 0.3552



0.0000, 0.0000, 0.0000



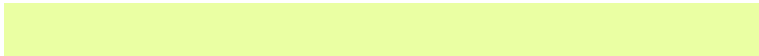
21.4041, 0.3127, 0.3290

Same Dimension

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



71.2589, 0.3464, 0.4079



91.6217, 0.3525, 0.4236



66.8191, 0.3219, 0.4144



16.6402, 0.3232, 0.3525



37.3738, 0.3790, 0.5373



2.8028, 0.3852, 0.5324

Inverse Universe

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



39.0044, 0.2714, 0.2431



43.7315, 0.2616, 0.2241



43.3379, 0.2993, 0.2497



14.0473, 0.3016, 0.3050



3.7125, 0.1628, 0.0671



0.3158, 0.1771, 0.0749

Previews

White Background



This preview shows how the Yxy color 71.2557, 0.3464, 0.4079 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 71.2557, 0.3464, 0.4079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

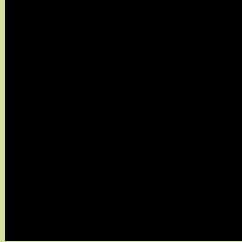
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

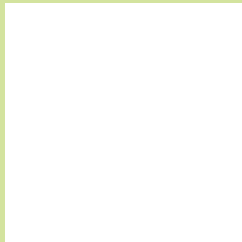
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.2557, 0.3464, 0.4079

Background



This preview shows how black text looks on a background with the Yxy color 71.2557, 0.3464, 0.4079.

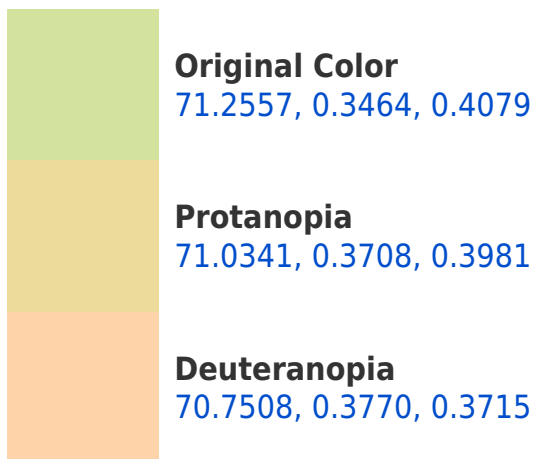


This preview shows how white text looks on a background with the Yxy color 71.2557, 0.3464, 0.4079.

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

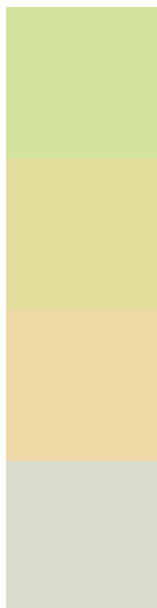




Tritanopia

70.9384, 0.3044, 0.3107

Trichromacy



Original Color

71.2557, 0.3464, 0.4079

Protanomaly

71.1368, 0.3621, 0.4018

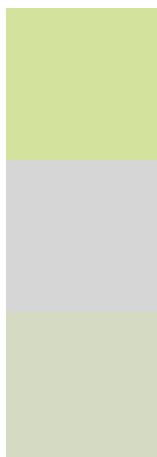
Deuteranomaly

70.7296, 0.3653, 0.3840

Tritanomaly

70.9208, 0.3198, 0.3457

Monochromacy



Original Color

71.2557, 0.3464, 0.4079

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.7042, 0.3252, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2557, 0.3464, 0.4079 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(211, 227, 158)` looks like.

```
.text, #text, p{  
    color:rgb(211, 227, 158)  
}
```

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(211, 227, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 227, 158) }
```

Border

The CSS property to change the border of an element to Yxy 71.2557, 0.3464, 0.4079 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(211, 227, 158) }
```

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

```
.border{ border-color:rgb(211, 227, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 227, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 227, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 227, 158);  
box-shadow:4px 4px 4px 4px rgb(211, 227,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2557, 0.3464, 0.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 227, 158) }
```

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

```
.background{ background-color: rgb(211,  
227, 158) }
```

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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