

Converting Colors

$Yxy(71.9521, 0.3464, 0.3864)$

Have a look what the booklet for
Yxy(71.9521, 0.3464, 0.3864)
contains.

Yxy(71.9778, 0.3469, 0.3869)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.9778, 0.3469, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	DFE0AC
RGB	223, 224, 172
RGB Percent	87%, 88%, 67%
CMY	0.1254, 0.1216, 0.3255
CMYK	0.00, 0.00, 0.23, 0.12
HSL	61°, 46%, 78%
HSV	61°, 23%, 88%
XYZ	64.5363, 71.9778, 49.5231
YIQ	217.7730, 16.0960, -16.3840

Conversions

Conversions Part 2

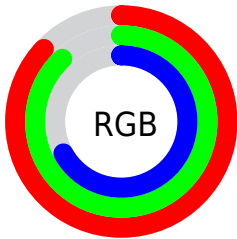
Format	Color
RYB	172, 224, 173
Decimal	14672044
CIELab	87.96, -8.63, 25.43
CIELCh	88, 26.854, 108.742
Yxy	71.9778, 0.3469, 0.3869
Android (android.graphics.Color)	4292862124 (0xFFDFE0AC)
YUV	217.7730, -22.5661, 4.5841
Hunter-Lab	84.8397, -12.6873, 24.7787

Details

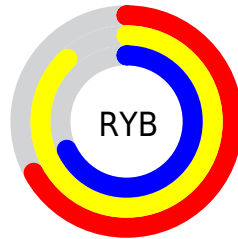
The Yxy color **71.9778, 0.3469, 0.3869** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.7728, 0.2741, 0.2640**, and the grayscale version is **70.0995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **37.9233, 0.3544, 0.4018** is the 20% darker color. If you saturate the color by 10%, you get **71.1239, 0.3615, 0.4119**, and if you desaturate by 10%, it is **72.9834, 0.3320, 0.3616**.

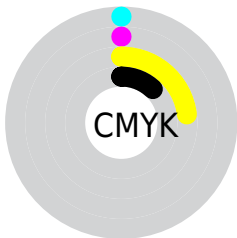
Distribution



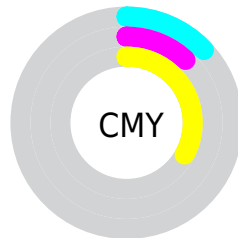
- Red (87%)
- Green (88%)
- Blue (67%)



- Red (67%)
- Yellow (88%)
- Blue (68%)



- Cyan (0%)
- Magenta (0%)
- Yellow (23%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9778, 0.3469, 0.3869 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 71.9778, 0.3469, 0.3869 by changing the saturation by 10% instead.


 71.9778, 0.3469,
0.3869

 71.9778, 0.3469,
0.3869


467.4643, 0.3314,
0.3597

 53.1405, 0.3503,
0.3932


 122.0250, 0.3416,
0.3774

 37.9150, 0.3545,
0.4010


154.0037, 0.3395,
0.3737

 25.9167, 0.3596,
0.4108

191.1316, 0.3377,
0.3706

 16.7613, 0.3661,
0.4237

233.7933, 0.3361,
0.3678

 10.0645, 0.3744,
0.4412

282.3730, 0.3347,
0.3654

 5.4417, 0.3851,
0.4660

337.2551, 0.3335,

 2.5087, 0.4070,

0.3633

0.5138

398.8241, 0.3324,
0.3614

0.8810, 0.4157,
0.5843

0.0000, 0.0000,
0.0000

71.9778, 0.3469,
0.3869

71.9778, 0.3469,
0.3869

71.1239, 0.3615,
0.4119

72.9834, 0.3320,
0.3616

70.4047, 0.3754,
0.4356

74.1378, 0.3173,
0.3368

69.8156, 0.3879,
0.4571

75.4505, 0.3032,
0.3130

69.3479, 0.3984,
0.4755

76.4947, 0.2938,
0.2970

68.9918, 0.4066,
0.4899

76.5632, 0.2941,
0.2970

68.7361, 0.4121,
0.5000

76.6319, 0.2944,
0.2971

68.5671, 0.4151,
0.5058

76.7008, 0.2946,
0.2971

68.4869, 0.4160,
0.5079

76.7698, 0.2949,
0.2971

76.8391, 0.2952,
0.2971

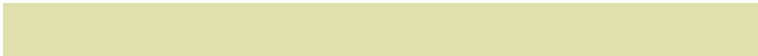
Harmonies

Analogous

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



71.9778, 0.3700, 0.3759



71.9778, 0.3469, 0.3869



71.9778, 0.3154, 0.3810

Triad

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



71.9778, 0.3469, 0.3869



71.9778, 0.2520, 0.2992



71.9778, 0.3403, 0.3016

Complementary

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



71.9778, 0.3469, 0.3869



43.7728, 0.2741, 0.2640

Split Complementary

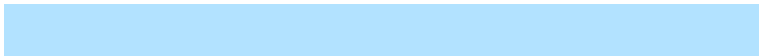
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.9778, 0.3074, 0.2833



71.9778, 0.3469, 0.3869



71.9778, 0.2577, 0.2809

Square

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



71.9778, 0.3469, 0.3869



71.9778, 0.2614, 0.3277



71.9778, 0.2774, 0.2757



71.9778, 0.3665, 0.3267

Rectangle

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



71.9778, 0.3469, 0.3869



71.9778, 0.2940, 0.3675



71.9778, 0.2774, 0.2757



71.9778, 0.3296, 0.2946

Sweetspot

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



71.9810, 0.3469, 0.3869



98.8388, 0.3229, 0.3462



48.6644, 0.3603, 0.3302



21.1352, 0.3238, 0.3477



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.



71.9810, 0.3469, 0.3869



95.9670, 0.3543, 0.3995



68.1800, 0.3275, 0.3907



16.0156, 0.3264, 0.3522



39.8697, 0.4160, 0.5079



2.7678, 0.4166, 0.5074

Inverse Universe

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



43.7728, 0.2741, 0.2640



51.6443, 0.2644, 0.2478



47.0134, 0.2946, 0.2677



13.2557, 0.2983, 0.3048



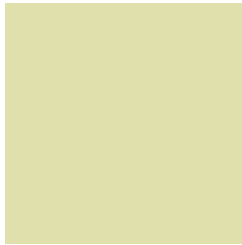
3.1542, 0.1506, 0.0603



0.2231, 0.1524, 0.0613

Previews

White Background



This preview shows how the Yxy color 71.9778, 0.3469, 0.3869 looks on a white background.

Color Contrast Check

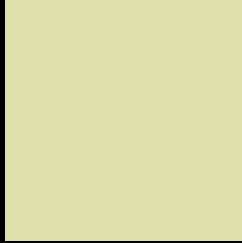
Large Text (above 18pt) WCAG AA × Fail

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 71.9778, 0.3469, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

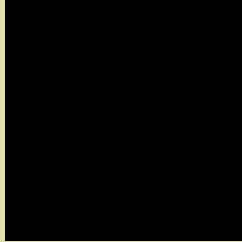
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

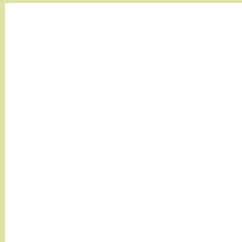
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9778, 0.3469, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 71.9778, 0.3469, 0.3869.



This preview shows how white text looks on a background with the Yxy color 71.9778, 0.3469, 0.3869.

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

71.9778, 0.3469, 0.3869

Protanopia

71.7508, 0.3585, 0.3833

Deuteranopia

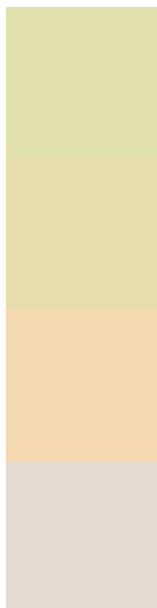
71.5613, 0.3706, 0.3642



Tritanopia

71.9839, 0.3121, 0.3111

Trichromacy



Original Color

71.9778, 0.3469, 0.3869

Protanomaly

71.6421, 0.3544, 0.3838

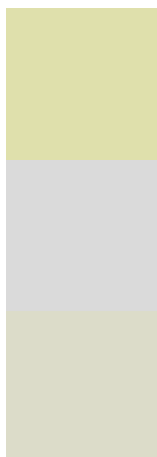
Deuteranomaly

71.3010, 0.3615, 0.3717

Tritanomaly

71.8602, 0.3246, 0.3377

Monochromacy



Original Color

71.9778, 0.3469, 0.3869

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.6191, 0.3255, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9778, 0.3469, 0.3869 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(223, 224, 172)` looks like.

```
.text, #text, p{  
    color:rgb(223, 224, 172)  
}
```

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(223, 224, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 224, 172) }
```

Border

The CSS property to change the border of an element to Yxy 71.9778, 0.3469, 0.3869 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(223, 224, 172) }
```

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

```
.border{ border-color:rgb(223, 224, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 224, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 224, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 224, 172);  
box-shadow:4px 4px 4px 4px rgb(223, 224,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9778, 0.3469, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 224, 172) }
```

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

```
.background{ background-color: rgb(223,  
224, 172) }
```

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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