

Converting Colors

$Yxy(72.1262, 0.3397, 0.3743)$

Have a look what the booklet for
Yxy(72.1262, 0.3397, 0.3743)
contains.

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Color

Yxy(71.8822, 0.3396, 0.3735)

Conversions

Conversions Part 1

Format	Color
Hex	DFDFB7
RGB	223, 223, 183
RGB Percent	87%, 87%, 72%
CMY	0.1256, 0.1254, 0.2824
CMYK	0.00, 0.00, 0.18, 0.13
HSL	60°, 38%, 80%
HSV	60°, 18%, 87%
XYZ	65.3580, 71.8822, 55.2155
YIQ	218.4400, 12.8400, -12.4400

Conversions

Conversions Part 2

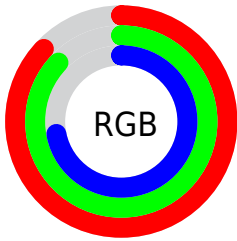
Format	Color
RYB	183, 223, 183
Decimal	14671799
CIELab	87.91, -6.57, 19.67
CIELCh	88, 20.739, 108.478
Yxy	71.8822, 0.3396, 0.3735
Android (android.graphics.Color)	4292861879 (0xFFDFDFB7)
YUV	218.4400, -17.4719, 3.9991
Hunter-Lab	84.7834, -10.7685, 20.7355

Details

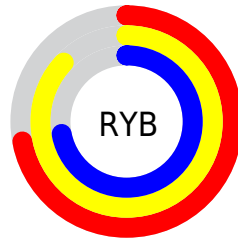
The Yxy color **71.8822, 0.3396, 0.3735** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.2551, 0.2833, 0.2803**, and the grayscale version is **70.5451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **37.9418, 0.3461, 0.3842** is the 20% darker color. If you saturate the color by 10%, you get **71.0255, 0.3548, 0.3986**, and if you desaturate by 10%, it is **72.8924, 0.3245, 0.3484**.

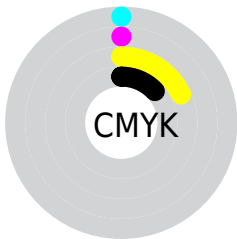
Distribution



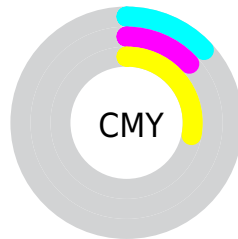
- Red (87%)
- Green (87%)
- Blue (72%)



- Red (72%)
- Yellow (87%)
- Blue (72%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)





- Cyan (13%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.8822, 0.3396, 0.3735 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 71.8822, 0.3396, 0.3735 by changing the saturation by 10% instead.


 71.8822, 0.3396,
0.3735

 71.8822, 0.3396,
0.3735


467.1315, 0.3273,
0.3526

 53.0625, 0.3424,
0.3783


 121.8890, 0.3354,
0.3662

 37.8526, 0.3457,
0.3843


153.8449, 0.3337,
0.3634

 25.8683, 0.3500,
0.3920


190.9483, 0.3323,
0.3610

 16.7252, 0.3554,
0.4020

233.5836, 0.3310,
0.3588

 10.0387, 0.3625,
0.4157

282.1351, 0.3299,
0.3570

 5.4246, 0.3723,
0.4355

336.9874, 0.3290,

 2.4985, 0.3866,

0.3554

0.4669

398.5247, 0.3281,
0.3539

0.8759, 0.4342,
0.5658

0.0000, 0.0000,
0.0000

71.8822, 0.3396,
0.3735

71.8822, 0.3396,
0.3735

71.0255, 0.3548,
0.3986

72.8924, 0.3245,
0.3484

70.3058, 0.3694,
0.4229

74.0530, 0.3098,
0.3241

69.7189, 0.3830,
0.4455

75.3733, 0.2958,
0.3010

69.2566, 0.3950,
0.4653

75.7024, 0.2927,
0.2959

68.9098, 0.4047,
0.4815

75.7062, 0.2927,
0.2959

68.6682, 0.4120,
0.4935

75.7099, 0.2927,
0.2959

68.5199, 0.4166,
0.5011

75.7137, 0.2928,
0.2959

68.4476, 0.4188,
0.5049

75.7174, 0.2928,
0.2959

68.4368, 0.4191,
0.5054

75.7211, 0.2928,
0.2959

Harmonies

Analogous

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



71.8822, 0.3571, 0.3655



71.8822, 0.3396, 0.3735



71.8822, 0.3153, 0.3687

Triad

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



71.8822, 0.3396, 0.3735



71.8822, 0.2653, 0.3065



71.8822, 0.3339, 0.3075

Complementary

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



71.8822, 0.3396, 0.3735



49.2551, 0.2833, 0.2803

Split Complementary

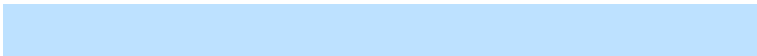
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8822, 0.3086, 0.2931



71.8822, 0.3396, 0.3735



71.8822, 0.2697, 0.2918

Square

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



71.8822, 0.3396, 0.3735



71.8822, 0.2729, 0.3285



71.8822, 0.2852, 0.2873



71.8822, 0.3540, 0.3274

Rectangle

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



71.8822, 0.3396, 0.3735



71.8822, 0.2986, 0.3586



71.8822, 0.2852, 0.2873



71.8822, 0.3257, 0.3019

Sweetspot

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



71.8854, 0.3396, 0.3735



99.2033, 0.3201, 0.3412



52.9654, 0.3474, 0.3291



21.2105, 0.3212, 0.3430



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.



71.8854, 0.3396, 0.3735



96.8877, 0.3460, 0.3841



68.8976, 0.3248, 0.3757



16.0288, 0.3267, 0.3522



40.2337, 0.4191, 0.5054



2.7890, 0.4192, 0.5054

Inverse Universe

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



49.2551, 0.2833, 0.2803



60.1574, 0.2754, 0.2672



51.8815, 0.2987, 0.2824



13.2440, 0.2981, 0.3047



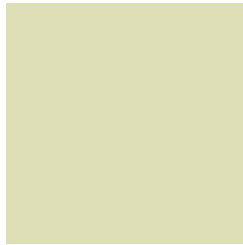
3.1338, 0.1501, 0.0600



0.2175, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 71.8822, 0.3396, 0.3735 looks on a white background.

Color Contrast Check

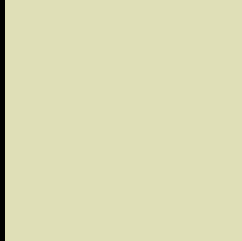
Large Text (above 18pt) WCAG AA × Fail

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 71.8822, 0.3396, 0.3735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

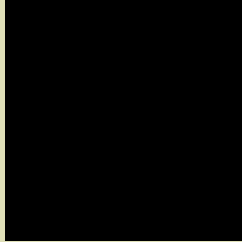
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

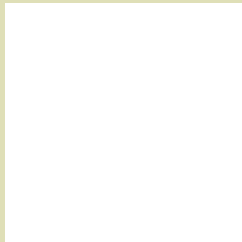
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8822, 0.3396, 0.3735

Background



This preview shows how black text looks on a background with the Yxy color 71.8822, 0.3396, 0.3735.



This preview shows how white text looks on a background with the Yxy color 71.8822, 0.3396, 0.3735.

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

71.8822, 0.3396, 0.3735

Protanopia

71.8462, 0.3492, 0.3715

Deuteranopia

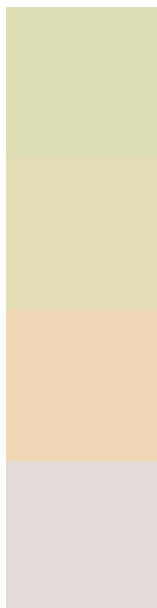
71.6606, 0.3646, 0.3570



Tritanopia

71.8179, 0.3114, 0.3111

Trichromacy



Original Color

71.8822, 0.3396, 0.3735

Protanomaly

71.7483, 0.3452, 0.3718

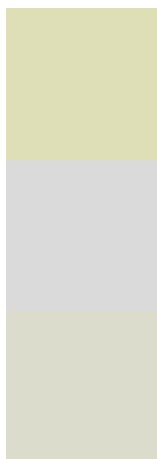
Deuteranomaly

71.6271, 0.3557, 0.3631

Tritanomaly

71.9002, 0.3212, 0.3333

Monochromacy



Original Color

71.8822, 0.3396, 0.3735

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.8098, 0.3228, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8822, 0.3396, 0.3735 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, 223, 183)` looks like.

```
.text, #text, p{  
    color:rgb(223, 223, 183)  
}
```

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, 223, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 223, 183) }
```

Border

The CSS property to change the border of an element to Yxy 71.8822, 0.3396, 0.3735 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, 223, 183) }
```

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

```
.border{ border-color:rgb(223, 223, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 223, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 223, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 223, 183); box-shadow:4px 4px 4px 4px rgb(223, 223, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8822, 0.3396, 0.3735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 223, 183) }
```

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

```
.background{ background-color: rgb(223,  
223, 183) }
```

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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