

Converting Colors

$Yxy(70.5141, 0.3488, 0.3887)$

Have a look what the booklet for
Yxy(70.5141, 0.3488, 0.3887)
contains.

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Color

Yxy(70.6367, 0.3486, 0.3884)

Conversions

Conversions Part 1

Format	Color
Hex	DEDEA9
RGB	222, 222, 169
RGB Percent	87%, 87%, 66%
CMY	0.1296, 0.1293, 0.3372
CMYK	0.00, 0.00, 0.24, 0.13
HSL	60°, 45%, 77%
HSV	60°, 24%, 87%
XYZ	63.3984, 70.6367, 47.8307
YIQ	215.9580, 17.0130, -16.4830

Conversions

Conversions Part 2

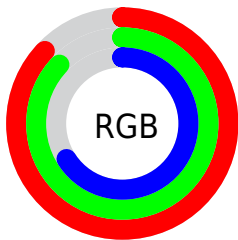
Format	Color
RYB	169, 222, 169
Decimal	14605993
CIELab	87.31, -8.43, 26.08
CIELCh	87, 27.409, 107.904
Yxy	70.6367, 0.3486, 0.3884
Android (android.graphics.Color)	4292796073 (0xFFDEDEA9)
YUV	215.9580, -23.1503, 5.2988
Hunter-Lab	84.0456, -12.4314, 25.0898

Details

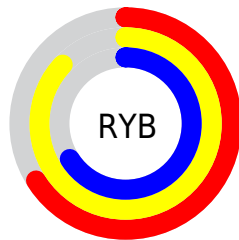
The Yxy color **70.6367, 0.3486, 0.3884** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.0946, 0.2721, 0.2618**, and the grayscale version is **68.7898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **37.0288, 0.3559, 0.4023** is the 20% darker color. If you saturate the color by 10%, you get **69.8719, 0.3635, 0.4131**, and if you desaturate by 10%, it is **71.5494, 0.3334, 0.3632**.

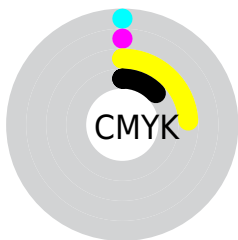
Distribution



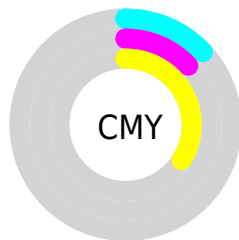
- Red (87%)
- Green (87%)
- Blue (66%)



- Red (66%)
- Yellow (87%)
- Blue (66%)



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (13%)




- Cyan (13%)
- Magenta (13%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.6367, 0.3486, 0.3884 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 70.6367, 0.3486, 0.3884 by changing the saturation by 10% instead.


 70.6367, 0.3486,
0.3884

 70.6367, 0.3486,
0.3884

462.7824, 0.3323,
0.3604

 52.0458, 0.3522,
0.3949


 120.1163, 0.3430,
0.3786

 37.0416, 0.3566,
0.4029


151.7737, 0.3408,
0.3748

 25.2397, 0.3621,
0.4131


188.5555, 0.3389,
0.3716

 16.2557, 0.3689,
0.4264

230.8459, 0.3373,
0.3688

 9.7053, 0.3777,
0.4445

279.0294, 0.3358,
0.3663

 5.2040, 0.3890,
0.4700

333.4904, 0.3345,

 2.3674, 0.4164,

0.3641

0.5253

394.6133, 0.3333,
0.3622

0.8091, 0.4105,
0.5895

0.0000, 0.0000,
0.0000

70.6367, 0.3486,
0.3884

70.6367, 0.3486,
0.3884

69.8719, 0.3635,
0.4131

71.5494, 0.3334,
0.3632

69.2383, 0.3776,
0.4365

72.6072, 0.3184,
0.3384

68.7315, 0.3903,
0.4575

73.8195, 0.3040,
0.3145

68.3427, 0.4010,
0.4753

75.0096, 0.2920,
0.2947

68.0624, 0.4093,
0.4891

75.0132, 0.2920,
0.2947

67.8795, 0.4150,
0.4985

75.0168, 0.2920,
0.2947

67.7803, 0.4181,
0.5037

75.0204, 0.2921,
0.2947

67.7475, 0.4191,
0.5054

75.0241, 0.2921,
0.2947

75.0277, 0.2921,
0.2947

Harmonies

Analogous

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



70.6367, 0.3720, 0.3766



70.6367, 0.3486, 0.3884



70.6367, 0.3163, 0.3829

Triad

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



70.6367, 0.3486, 0.3884



70.6367, 0.2505, 0.2991



70.6367, 0.3401, 0.3003

Complementary

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



70.6367, 0.3486, 0.3884



42.0946, 0.2721, 0.2618

Split Complementary

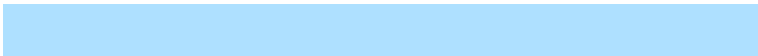
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.6367, 0.3063, 0.2818



70.6367, 0.3486, 0.3884



70.6367, 0.2559, 0.2799

Square

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



70.6367, 0.3486, 0.3884



70.6367, 0.2605, 0.3285



70.6367, 0.2758, 0.2743



70.6367, 0.3674, 0.3258

Rectangle

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



70.6367, 0.3486, 0.3884



70.6367, 0.2944, 0.3694



70.6367, 0.2758, 0.2743



70.6367, 0.3290, 0.2931

Sweetspot

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



70.6399, 0.3486, 0.3884



98.8997, 0.3231, 0.3462



46.7751, 0.3623, 0.3291



21.1493, 0.3240, 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.



70.6399, 0.3486, 0.3884



96.1038, 0.3567, 0.4017



66.7866, 0.3286, 0.3924



16.0288, 0.3267, 0.3522



40.2342, 0.4191, 0.5054



2.7890, 0.4192, 0.5054

Inverse Universe

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



42.0946, 0.2721, 0.2618



50.1271, 0.2615, 0.2442



45.3232, 0.2932, 0.2657



13.2440, 0.2981, 0.3047



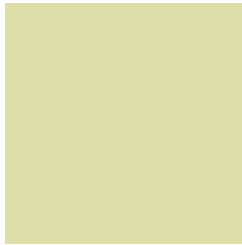
3.1338, 0.1501, 0.0600



0.2175, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 70.6367, 0.3486, 0.3884 looks on a white background.

Color Contrast Check

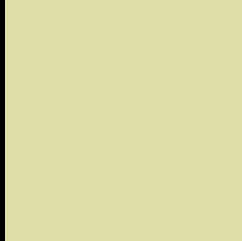
Large Text (above 18pt) WCAG AA × Fail

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 70.6367, 0.3486, 0.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

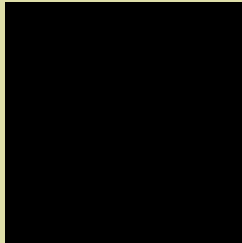
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

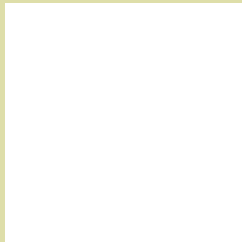
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.6367, 0.3486, 0.3884

Background



This preview shows how black text looks on a background with the Yxy color 70.6367, 0.3486, 0.3884.



This preview shows how white text looks on a background with the Yxy color 70.6367, 0.3486, 0.3884.

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

70.6367, 0.3486, 0.3884

Protanopia

70.4253, 0.3604, 0.3847

Deuteranopia

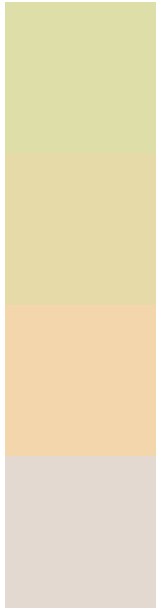
70.3703, 0.3750, 0.3674



Tritanopia

70.6857, 0.3128, 0.3110

Trichromacy



Original Color

70.6367, 0.3486, 0.3884

Protanomaly

70.3132, 0.3563, 0.3852

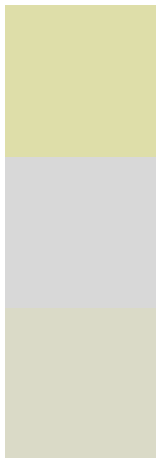
Deuteranomaly

70.1264, 0.3650, 0.3739

Tritanomaly

70.5107, 0.3262, 0.3388

Monochromacy



Original Color

70.6367, 0.3486, 0.3884

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.1718, 0.3256, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6367, 0.3486, 0.3884 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(222, 222, 169)` looks like.

```
.text, #text, p{  
    color:rgb(222, 222, 169)  
}
```

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(222, 222, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 222, 169) }
```

Border

The CSS property to change the border of an element to Yxy 70.6367, 0.3486, 0.3884 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(222, 222, 169) }
```

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

```
.border{ border-color:rgb(222, 222, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 222, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 222, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 222, 169);  
box-shadow:4px 4px 4px 4px rgb(222, 222,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 70.6367, 0.3486, 0.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 222, 169) }
```

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

```
.background{ background-color: rgb(222,  
222, 169) }
```

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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