

Converting Colors

Yxy(68.6911, 0.3429, 0.3881)

Have a look what the booklet for
Yxy(68.6911, 0.3429, 0.3881)
contains.

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Color

Yxy(68.8736, 0.3427, 0.3886)

Conversions

Conversions Part 1

Format	Color
Hex	D6DDA9
RGB	214, 221, 169
RGB Percent	84%, 87%, 66%
CMY	0.1610, 0.1333, 0.3373
CMYK	0.03, 0.00, 0.24, 0.13
HSL	68°, 43%, 76%
HSV	68°, 24%, 87%
XYZ	60.7385, 68.8736, 47.6231
YIQ	212.9790, 12.5200, -17.6560

Conversions

Conversions Part 2

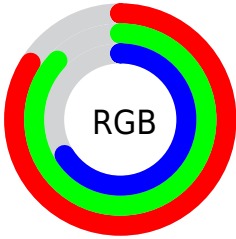
Format	Color
RYB	169, 221, 176
Decimal	14081449
CIELab	86.44, -10.89, 24.81
CIELCh	86, 27.092, 113.695
Yxy	68.8736, 0.3427, 0.3886
Android (android.graphics.Color)	4292271529 (0xFFD6DDA9)
YUV	212.9790, -21.6816, 0.8954
Hunter-Lab	82.9901, -14.5928, 24.0701

Details

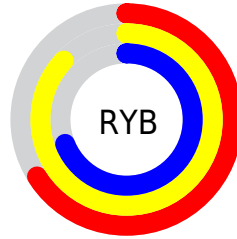
The Yxy color **68.8736, 0.3427, 0.3886** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.8305, 0.2782, 0.2639**, and the grayscale version is **66.6631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **35.9277, 0.3492, 0.4028** is the 20% darker color. If you saturate the color by 10%, you get **67.6682, 0.3552, 0.4146**, and if you desaturate by 10%, it is **70.2338, 0.3299, 0.3627**.

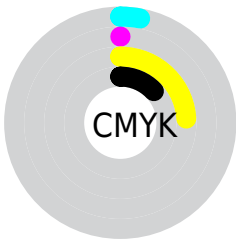
Distribution



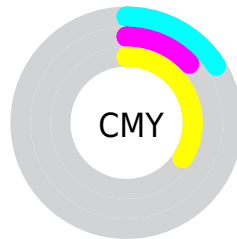
- Red (84%)
- Green (87%)
- Blue (66%)



- Red (66%)
- Yellow (87%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (13%)




- Cyan (16%)
- Magenta (13%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8736, 0.3427, 0.3886 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 68.8736, 0.3427, 0.3886 by changing the saturation by 10% instead.

 68.8736, 0.3427,
0.3886

 68.8736, 0.3427,
0.3886

456.5850, 0.3291,
0.3602

 50.6088, 0.3457,
0.3952


 117.6010, 0.3381,
0.3786

 35.8974, 0.3493,
0.4035


148.8324, 0.3362,
0.3748

 24.3549, 0.3538,
0.4141


185.1548, 0.3346,
0.3715

 15.5971, 0.3595,
0.4281

226.9525, 0.3332,
0.3686

 9.2395, 0.3666,
0.4473

274.6100, 0.3320,
0.3661

 4.8977, 0.3756,
0.4750

328.5117, 0.3309,

 2.1874, 0.4010,

0.3639

0.5381

389.0419, 0.3300,
0.3620

0.7131, 0.3662,
0.6338

0.0000, 0.0000,
0.0000

68.8736, 0.3427,
0.3886

68.8736, 0.3427,
0.3886

67.6682, 0.3552,
0.4146

70.2338, 0.3299,
0.3627

66.6013, 0.3669,
0.4399

71.7461, 0.3171,
0.3376

65.6682, 0.3772,
0.4633

73.4199, 0.3048,
0.3138

64.8604, 0.3855,
0.4839

75.1054, 0.2946,
0.2939

■ 64.1685, 0.3915,
0.5007

■ 75.5948, 0.2966,
0.2942

■ 63.5814, 0.3949,
0.5131

■ 76.0927, 0.2986,
0.2944

■ 63.0858, 0.3958,
0.5210

■ 76.5992, 0.3006,
0.2946

■ 62.8003, 0.3953,
0.5243

■ 77.1143, 0.3026,
0.2948

■ 77.6381, 0.3046,
0.2950

Harmonies

Analogous

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



68.8736, 0.3684, 0.3798



68.8736, 0.3427, 0.3886



68.8736, 0.3098, 0.3796

Triad

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



68.8736, 0.3427, 0.3886



68.8736, 0.2505, 0.2945



68.8736, 0.3461, 0.3049

Complementary

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



68.8736, 0.3427, 0.3886



42.8305, 0.2782, 0.2639

Split Complementary

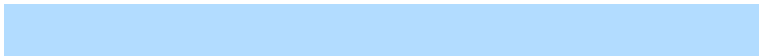
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.8736, 0.3128, 0.2848



68.8736, 0.3427, 0.3886



68.8736, 0.2589, 0.2779

Square

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



68.8736, 0.3427, 0.3886



68.8736, 0.2576, 0.3224



68.8736, 0.2811, 0.2749



68.8736, 0.3709, 0.3312

Rectangle

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



68.8736, 0.3427, 0.3886



68.8736, 0.2885, 0.3641



68.8736, 0.2811, 0.2749



68.8736, 0.3354, 0.2973

Sweetspot

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



68.8767, 0.3427, 0.3886



98.4464, 0.3216, 0.3463



49.2617, 0.3595, 0.3373



21.0440, 0.3224, 0.3478



0.0000, 0.0000, 0.0000



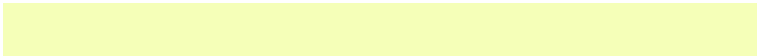
21.4041, 0.3127, 0.3290

Same Dimension

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



68.8767, 0.3427, 0.3886



94.4311, 0.3486, 0.4008



65.2874, 0.3233, 0.3924



15.1696, 0.3246, 0.3522



36.5108, 0.3957, 0.5240



2.3907, 0.3998, 0.5208

Inverse Universe

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



42.8305, 0.2782, 0.2639



52.7114, 0.2701, 0.2490



46.1424, 0.2993, 0.2678



12.7015, 0.3002, 0.3050



3.2213, 0.1555, 0.0630



0.2367, 0.1676, 0.0697

Previews

White Background



This preview shows how the Yxy color 68.8736, 0.3427, 0.3886 looks on a white background.

Color Contrast Check

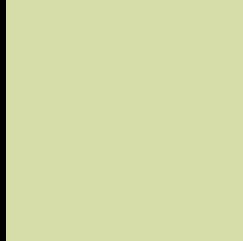
Large Text (above 18pt) WCAG AA × Fail

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 68.8736, 0.3427, 0.3886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

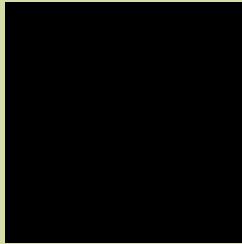
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

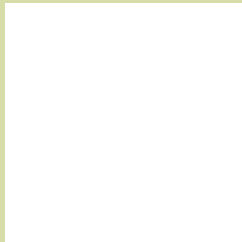
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8736, 0.3427, 0.3886

Background



This preview shows how black text looks on a background with the Yxy color 68.8736, 0.3427, 0.3886.



This preview shows how white text looks on a background with the Yxy color 68.8736, 0.3427, 0.3886.

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

68.8736, 0.3427, 0.3886

Protanopia

68.8907, 0.3586, 0.3831

Deuteranopia

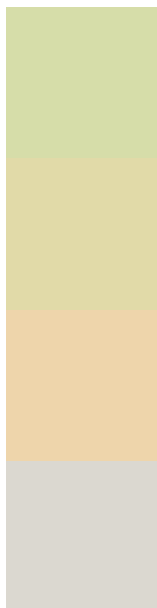
68.7858, 0.3740, 0.3668



Tritanopia

68.8313, 0.3078, 0.3106

Trichromacy



Original Color

68.8736, 0.3427, 0.3886

Protanomaly

68.9775, 0.3526, 0.3849

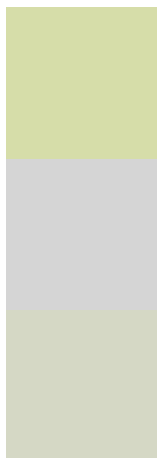
Deuteranomaly

68.7059, 0.3621, 0.3746

Tritanomaly

68.7259, 0.3203, 0.3379

Monochromacy



Original Color

68.8736, 0.3427, 0.3886

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.2891, 0.3235, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8736, 0.3427, 0.3886 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(214, 221, 169)` looks like.

```
.text, #text, p{  
    color:rgb(214, 221, 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(214, 221, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 221, 169) }
```

Border

The CSS property to change the border of an element to Yxy 68.8736, 0.3427, 0.3886 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(214, 221, 169) }
```

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

```
.border{ border-color:rgb(214, 221, 169) }
```

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

Here you see how a box with a 4 pixel rgb(214, 221, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 221, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 221, 169);  
box-shadow:4px 4px 4px 4px rgb(214, 221,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8736, 0.3427, 0.3886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 221, 169) }
```

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

```
.background{ background-color: rgb(214,  
221, 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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