

Converting Colors

Yxy(68.8567, 0.3492, 0.3959)

Have a look what the booklet for
Yxy(68.8567, 0.3492, 0.3959)
contains.

Yxy(68.9205, 0.3490, 0.3963)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.9205, 0.3490, 0.3963)

Conversions

Conversions Part 1

Format	Color
Hex	D8DDA2
RGB	216, 221, 162
RGB Percent	85%, 87%, 64%
CMY	0.1530, 0.1333, 0.3646
CMYK	0.02, 0.00, 0.27, 0.13
HSL	65°, 46%, 75%
HSV	65°, 27%, 87%
XYZ	60.6946, 68.9205, 44.2949
YIQ	212.7790, 15.9590, -19.4090

Conversions

Conversions Part 2

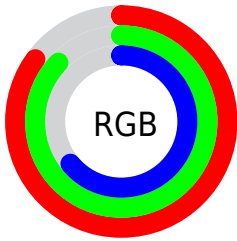
Format	Color
R _{YB}	162, 221, 167
Decimal	14212514
CIE _{Lab}	86.46, -11.09, 28.47
CIE _{LCh}	86, 30.554, 111.285
Y _{xy}	68.9205, 0.3490, 0.3963
Android (android.graphics.Color)	4292402594 (0xFFD8DDA2)
Y _{UV}	212.7790, -25.0340, 2.8248
Hunter-Lab	83.0184, -14.7812, 26.4784

Details

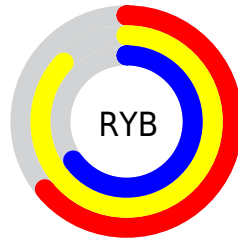
The Yxy color **68.9205, 0.3490, 0.3963** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.2892, 0.2705, 0.2535**, and the grayscale version is **66.5477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **35.9753, 0.3573, 0.4127** is the 20% darker color. If you saturate the color by 10%, you get **67.9202, 0.3622, 0.4216**, and if you desaturate by 10%, it is **70.0684, 0.3353, 0.3706**.

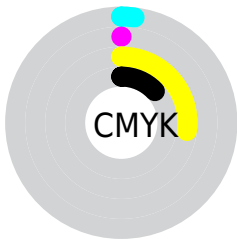
Distribution



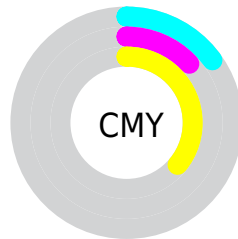
- Red (85%)
- Green (87%)
- Blue (64%)



- Red (64%)
- Yellow (87%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (27%)
- Black (13%)





- Cyan (15%)
- Magenta (13%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9205, 0.3490, 0.3963 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 68.9205, 0.3490, 0.3963 by changing the saturation by 10% instead.

 68.9205, 0.3490,
0.3963


 68.9205, 0.3490,
0.3963


456.7505, 0.3326,
0.3643

 50.6470, 0.3526,
0.4038


 117.6680, 0.3434,
0.3851

 35.9277, 0.3569,
0.4130


 148.9108, 0.3412,
0.3807

 24.3784, 0.3623,
0.4248

185.2454, 0.3393,
0.3770

 15.6145, 0.3689,
0.4403

227.0564, 0.3376,
0.3738

 9.2518, 0.3771,
0.4613

274.7279, 0.3361,
0.3710

 4.9058, 0.3869,
0.4910

328.6445, 0.3348,

 2.1921, 0.4259,

0.3685

0.5741

389.1906, 0.3336,
0.3663

0.7157, 0.3639,
0.6361

0.0000, 0.0000,
0.0000

68.9205, 0.3490,
0.3963

68.9205, 0.3490,
0.3963

67.9202, 0.3622,
0.4216

70.0684, 0.3353,
0.3706

67.0509, 0.3745,
0.4457

71.3614, 0.3217,
0.3454

66.3080, 0.3851,
0.4674

72.8088, 0.3084,
0.3211

65.6826, 0.3937,
0.4859

74.4165, 0.2957,
0.2983

■ 65.1648, 0.3998,
0.5002

■ 75.0094, 0.2942,
0.2939

■ 64.7431, 0.4033,
0.5102

■ 75.3144, 0.2954,
0.2940

■ 64.4027, 0.4043,
0.5158

■ 75.6228, 0.2967,
0.2942

■ 64.2995, 0.4043,
0.5172

■ 75.9345, 0.2980,
0.2943

■ 76.2496, 0.2992,
0.2944

Harmonies

Analogous

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



68.9205, 0.3770, 0.3845



68.9205, 0.3490, 0.3963



68.9205, 0.3123, 0.3880

Triad

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



68.9205, 0.3490, 0.3963



68.9205, 0.2431, 0.2920



68.9205, 0.3475, 0.2998

Complementary

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



68.9205, 0.3490, 0.3963



39.2892, 0.2705, 0.2535

Split Complementary

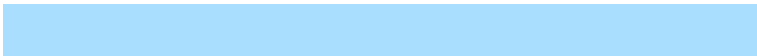
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.9205, 0.3096, 0.2782



68.9205, 0.3490, 0.3963



68.9205, 0.2510, 0.2725

Square

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



68.9205, 0.3490, 0.3963



68.9205, 0.2522, 0.3241



68.9205, 0.2746, 0.2682



68.9205, 0.3768, 0.3287

Rectangle

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



68.9205, 0.3490, 0.3963



68.9205, 0.2880, 0.3713



68.9205, 0.2746, 0.2682



68.9205, 0.3352, 0.2915

Sweetspot

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



68.9236, 0.3490, 0.3963



98.4269, 0.3235, 0.3488



45.5969, 0.3685, 0.3350



21.0074, 0.3256, 0.3526



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.



68.9236, 0.3490, 0.3963



94.5179, 0.3564, 0.4105



64.8414, 0.3267, 0.4014



15.2045, 0.3254, 0.3522



37.3736, 0.4045, 0.5170



2.4382, 0.4071, 0.5150

Inverse Universe

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



39.2892, 0.2705, 0.2535



47.0064, 0.2600, 0.2351



42.8623, 0.2946, 0.2585



12.6699, 0.2994, 0.3049



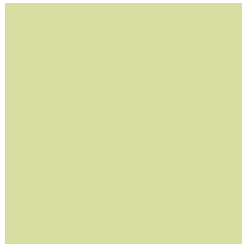
3.1323, 0.1529, 0.0616



0.2217, 0.1612, 0.0662

Previews

White Background



This preview shows how the Yxy color 68.9205, 0.3490, 0.3963 looks on a white background.

Color Contrast Check

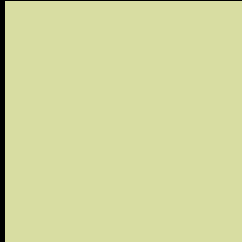
Large Text (above 18pt) WCAG AA × Fail

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 68.9205, 0.3490, 0.3963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

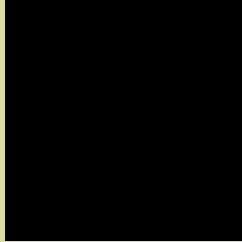
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.9205, 0.3490, 0.3963

Background



This preview shows how black text looks on a background with the Yxy color 68.9205, 0.3490, 0.3963.



This preview shows how white text looks on a background with the Yxy color 68.9205, 0.3490, 0.3963.

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

68.9205, 0.3490, 0.3963

Protanopia

68.8056, 0.3644, 0.3906

Deuteranopia

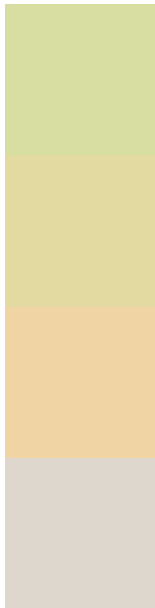
68.4131, 0.3813, 0.3728



Tritanopia

68.7517, 0.3107, 0.3107

Trichromacy



Original Color

68.9205, 0.3490, 0.3963

Protanomaly

68.8848, 0.3583, 0.3926

Deuteranomaly

68.2926, 0.3691, 0.3809

Tritanomaly

68.5383, 0.3248, 0.3401

Monochromacy



Original Color

68.9205, 0.3490, 0.3963

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.3029, 0.3263, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9205, 0.3490, 0.3963 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(216, 221, 162)` looks like.

```
.text, #text, p{  
    color:rgb(216, 221, 162)  
}
```

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(216, 221, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 221, 162) }
```

Border

The CSS property to change the border of an element to Yxy 68.9205, 0.3490, 0.3963 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(216, 221, 162) }
```

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

```
.border{ border-color:rgb(216, 221, 162) }
```

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

Here you see how a box with a 4 pixel rgb(216, 221, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 221, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 221, 162);  
box-shadow:4px 4px 4px 4px rgb(216, 221,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9205, 0.3490, 0.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 221, 162) }
```

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

```
.background{ background-color: rgb(216,  
221, 162) }
```

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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