

Converting Colors

Yxy(65.2132, 0.3433, 0.3830)

Have a look what the booklet for
Yxy(65.2132, 0.3433, 0.3830)
contains.

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Color

Yxy(65.4251, 0.3432, 0.3836)

Conversions

Conversions Part 1

Format	Color
Hex	D4D7A8
RGB	212, 215, 168
RGB Percent	83%, 84%, 66%
CMY	0.1684, 0.1569, 0.3411
CMYK	0.01, 0.00, 0.22, 0.16
HSL	64°, 37%, 75%
HSV	64°, 22%, 84%
XYZ	58.5347, 65.4251, 46.5958
YIQ	208.7450, 13.2990, -15.2530

Conversions

Conversions Part 2

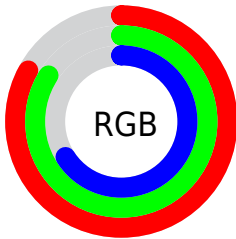
Format	Color
RYB	168, 215, 171
Decimal	13948840
CIELab	84.70, -8.66, 22.91
CIELCh	85, 24.493, 110.717
Yxy	65.4251, 0.3432, 0.3836
Android (android.graphics.Color)	4292138920 (0xFFD4D7A8)
YUV	208.7450, -20.0873, 2.8546
Hunter-Lab	80.8858, -12.3749, 22.4649

Details

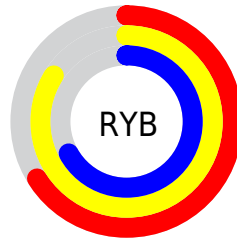
The Yxy color **65.4251, 0.3432, 0.3836** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.5673, 0.2784, 0.2688**, and the grayscale version is **63.7205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **33.5707, 0.3500, 0.3966** is the 20% darker color. If you saturate the color by 10%, you get **64.4938, 0.3571, 0.4090**, and if you desaturate by 10%, it is **66.4963, 0.3291, 0.3582**.

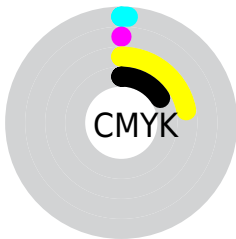
Distribution



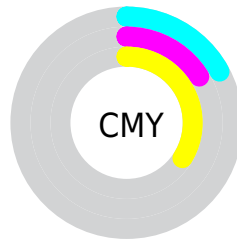
- Red (83%)
- Green (84%)
- Blue (66%)



- Red (66%)
- Yellow (84%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)





- Cyan (17%)
- Magenta (16%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4251, 0.3432, 0.3836 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 65.4251, 0.3432, 0.3836 by changing the saturation by 10% instead.


 65.4251, 0.3432,
0.3836

 65.4251, 0.3432,
0.3836


444.3180, 0.3291,
0.3575

 47.8059, 0.3464,
0.3898


 112.6608, 0.3383,
0.3744

 33.6732, 0.3503,
0.3975


 143.0461, 0.3364,
0.3708

 22.6426, 0.3551,
0.4074


178.4554, 0.3348,
0.3678

 14.3299, 0.3613,
0.4205

219.2733, 0.3334,
0.3652

 8.3504, 0.3693,
0.4387

265.8841, 0.3321,
0.3629

 4.3200, 0.3799,
0.4653

318.6723, 0.3310,

 1.8541, 0.4153,

0.3609

378.0221, 0.3300,
0.3591

0.5354

0.5206, 0.3524,
0.6476

0.0000, 0.0000,
0.0000

65.4251, 0.3432,
0.3836

65.4251, 0.3432,
0.3836

64.4938, 0.3571,
0.4090

66.4963, 0.3291,
0.3582

63.6873, 0.3703,
0.4335

67.7048, 0.3152,
0.3335

63.0012, 0.3822,
0.4560

69.0591, 0.3019,
0.3099

62.4280, 0.3923,
0.4757

70.5647, 0.2893,
0.2878

■ 61.9590, 0.4000,
0.4917

■ 70.8345, 0.2896,
0.2870

■ 61.5841, 0.4052,
0.5033

■ 71.0423, 0.2905,
0.2871

■ 61.2915, 0.4078,
0.5106

■ 71.2518, 0.2914,
0.2872

■ 61.0972, 0.4084,
0.5139

■ 71.4630, 0.2923,
0.2873

■ 71.6758, 0.2932,
0.2874

Harmonies

Analogous

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



65.4251, 0.3656, 0.3744



65.4251, 0.3432, 0.3836



65.4251, 0.3133, 0.3768

Triad

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



65.4251, 0.3432, 0.3836



65.4251, 0.2553, 0.2996



65.4251, 0.3406, 0.3046

Complementary

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



65.4251, 0.3432, 0.3836



41.5673, 0.2784, 0.2688

Split Complementary

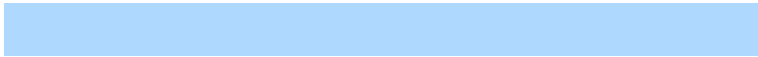
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.4251, 0.3098, 0.2867



65.4251, 0.3432, 0.3836



65.4251, 0.2616, 0.2829

Square

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



65.4251, 0.3432, 0.3836



65.4251, 0.2633, 0.3260



65.4251, 0.2811, 0.2787



65.4251, 0.3645, 0.3286

Rectangle

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



65.4251, 0.3432, 0.3836



65.4251, 0.2933, 0.3636



65.4251, 0.2811, 0.2787



65.4251, 0.3306, 0.2977

Sweetspot

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



65.4280, 0.3432, 0.3836



98.6933, 0.3224, 0.3462



46.1588, 0.3562, 0.3320



21.1014, 0.3233, 0.3478



0.0000, 0.0000, 0.0000



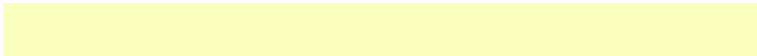
21.4041, 0.3127, 0.3290

Same Dimension

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



65.4280, 0.3432, 0.3836



95.6678, 0.3494, 0.3948



62.2595, 0.3255, 0.3868



14.4788, 0.3257, 0.3521



36.5664, 0.4086, 0.5138



2.2177, 0.4105, 0.5122

Inverse Universe

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



41.5673, 0.2784, 0.2688



54.8003, 0.2703, 0.2548



44.3660, 0.2972, 0.2720



12.0452, 0.2991, 0.3050



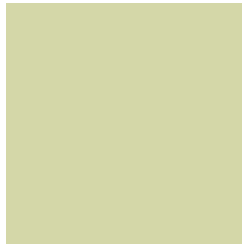
3.0031, 0.1521, 0.0611



0.1944, 0.1586, 0.0647

Previews

White Background



This preview shows how the Yxy color 65.4251, 0.3432, 0.3836 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 65.4251, 0.3432, 0.3836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

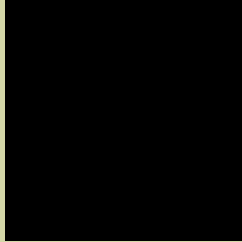
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

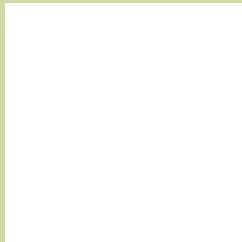
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4251, 0.3432, 0.3836

Background



This preview shows how black text looks on a background with the Yxy color 65.4251, 0.3432, 0.3836.



This preview shows how white text looks on a background with the Yxy color 65.4251, 0.3432, 0.3836.

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

65.4251, 0.3432, 0.3836

Protanopia

65.3493, 0.3559, 0.3798

Deuteranopia

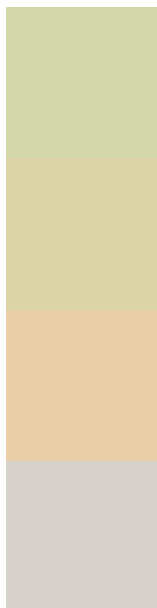
65.2070, 0.3723, 0.3644



Tritanopia

65.0675, 0.3099, 0.3103

Trichromacy



Original Color

65.4251, 0.3432, 0.3836

Protanomaly

65.0926, 0.3509, 0.3805

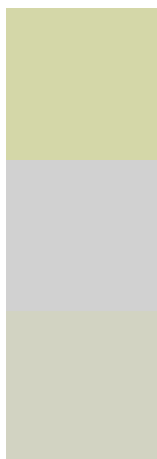
Deuteranomaly

64.9826, 0.3621, 0.3711

Tritanomaly

65.0517, 0.3214, 0.3358

Monochromacy



Original Color

65.4251, 0.3432, 0.3836

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.1852, 0.3238, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4251, 0.3432, 0.3836 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(212, 215, 168)` looks like.

```
.text, #text, p{  
    color:rgb(212, 215, 168)  
}
```

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(212, 215, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 215, 168) }
```

Border

The CSS property to change the border of an element to Yxy 65.4251, 0.3432, 0.3836 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(212, 215, 168) }
```

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

```
.border{ border-color:rgb(212, 215, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 215, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 215, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 215, 168);  
box-shadow:4px 4px 4px 4px rgb(212, 215,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4251, 0.3432, 0.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 215, 168) }
```

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

```
.background{ background-color: rgb(212,  
215, 168) }
```

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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