

Converting Colors

Yxy(64.9194, 0.3430, 0.3811)

Have a look what the booklet for
Yxy(64.9194, 0.3430, 0.3811)
contains.

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Color

Yxy(64.9548, 0.3427, 0.3814)

Conversions

Conversions Part 1

Format	Color
Hex	D4D6A9
RGB	212, 214, 169
RGB Percent	83%, 84%, 66%
CMY	0.1685, 0.1608, 0.3373
CMYK	0.01, 0.00, 0.21, 0.16
HSL	63°, 35%, 75%
HSV	63°, 21%, 84%
XYZ	58.3639, 64.9548, 46.9875
YIQ	208.2720, 13.2530, -14.4190

Conversions

Conversions Part 2

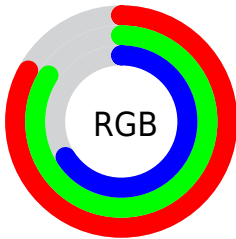
Format	Color
RYB	169, 214, 171
Decimal	13948585
CIELab	84.46, -8.04, 22.07
CIELCh	84, 23.488, 110.006
Yxy	64.9548, 0.3427, 0.3814
Android (android.graphics.Color)	4292138665 (0xFFD4D6A9)
YUV	208.2720, -19.3611, 3.2695
Hunter-Lab	80.5945, -11.7765, 21.8495

Details

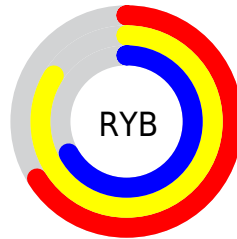
The Yxy color **64.9548, 0.3427, 0.3814** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8764, 0.2792, 0.2712**, and the grayscale version is **63.3870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **33.2487, 0.3495, 0.3937** is the 20% darker color. If you saturate the color by 10%, you get **64.0799, 0.3570, 0.4067**, and if you desaturate by 10%, it is **65.9678, 0.3283, 0.3561**.

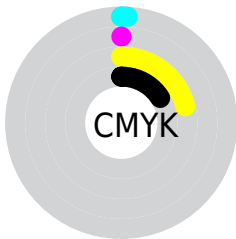
Distribution



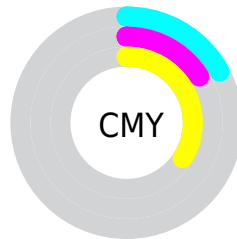
- Red (83%)
- Green (84%)
- Blue (66%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (21%)
- Black (16%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.9548, 0.3427, 0.3814 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 64.9548, 0.3427, 0.3814 by changing the saturation by 10% instead.


 64.9548, 0.3427,
0.3814

 64.9548, 0.3427,
0.3814


442.6295, 0.3288,
0.3563

 47.4244, 0.3458,
0.3873


 111.9849, 0.3379,
0.3725

 33.3713, 0.3497,
0.3947


142.2534, 0.3360,
0.3691

 22.4110, 0.3545,
0.4043


177.5367, 0.3344,
0.3662

 14.1592, 0.3607,
0.4169

218.2192, 0.3330,
0.3637

 8.2315, 0.3689,
0.4345

264.6854, 0.3318,
0.3615

 4.2434, 0.3797,
0.4602

317.3196, 0.3307,

 1.8107, 0.4146,

0.3596

0.5272

376.5061, 0.3297,
0.3578

0.4938, 0.3562,
0.6438

0.0000, 0.0000,
0.0000

64.9548, 0.3427,
0.3814

64.9548, 0.3427,
0.3814

64.0799, 0.3570,
0.4067

65.9678, 0.3283,
0.3561

63.3281, 0.3706,
0.4310

67.1162, 0.3142,
0.3315

62.6953, 0.3829,
0.4535

68.4086, 0.3006,
0.3080

62.1740, 0.3935,
0.4731

69.8501, 0.2878,
0.2861

■ 61.7555, 0.4018,
0.4890

■ 70.0199, 0.2882,
0.2857

■ 61.4304, 0.4075,
0.5006

■ 70.1635, 0.2888,
0.2858

■ 61.1868, 0.4106,
0.5078

■ 70.3080, 0.2895,
0.2859

■ 61.0198, 0.4116,
0.5113

■ 70.4533, 0.2901,
0.2860

■ 70.5993, 0.2907,
0.2861

Harmonies

Analogous

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



64.9548, 0.3640, 0.3723



64.9548, 0.3427, 0.3814



64.9548, 0.3140, 0.3752

Triad

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



64.9548, 0.3427, 0.3814



64.9548, 0.2574, 0.3013



64.9548, 0.3389, 0.3050

Complementary

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



64.9548, 0.3427, 0.3814



41.8764, 0.2792, 0.2712

Split Complementary

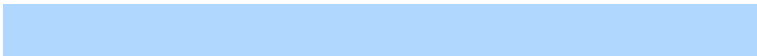
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.9548, 0.3092, 0.2879



64.9548, 0.3427, 0.3814



64.9548, 0.2632, 0.2849

Square

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



64.9548, 0.3427, 0.3814



64.9548, 0.2655, 0.3268



64.9548, 0.2818, 0.2805



64.9548, 0.3620, 0.3281

Rectangle

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



64.9548, 0.3427, 0.3814



64.9548, 0.2947, 0.3628



64.9548, 0.2818, 0.2805



64.9548, 0.3293, 0.2984

Sweetspot

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



64.9577, 0.3427, 0.3814



98.9267, 0.3212, 0.3437



46.0903, 0.3544, 0.3309



21.1504, 0.3221, 0.3454



0.0000, 0.0000, 0.0000



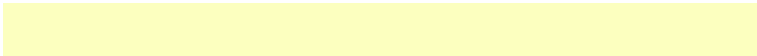
21.4041, 0.3127, 0.3290

Same Dimension

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



64.9577, 0.3427, 0.3814



96.0274, 0.3488, 0.3921



61.9021, 0.3256, 0.3844



14.4910, 0.3260, 0.3521



36.8953, 0.4118, 0.5113



2.2341, 0.4131, 0.5102

Inverse Universe

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



41.8764, 0.2792, 0.2712



56.0653, 0.2714, 0.2579



44.5602, 0.2972, 0.2741



12.0344, 0.2988, 0.3049



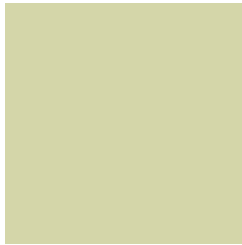
2.9828, 0.1515, 0.0608



0.1892, 0.1561, 0.0634

Previews

White Background



This preview shows how the Yxy color 64.9548, 0.3427, 0.3814 looks on a white background.

Color Contrast Check

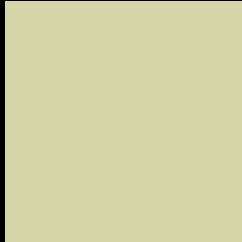
Large Text (above 18pt) WCAG AA × Fail

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 64.9548, 0.3427, 0.3814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

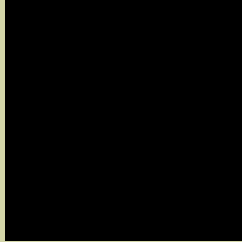
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

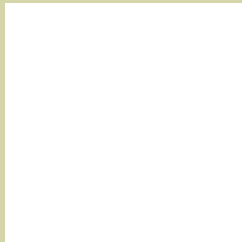
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9548, 0.3427, 0.3814

Background



This preview shows how black text looks on a background with the Yxy color 64.9548, 0.3427, 0.3814.



This preview shows how white text looks on a background with the Yxy color 64.9548, 0.3427, 0.3814.

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

64.9548, 0.3427, 0.3814

Protanopia

64.7305, 0.3546, 0.3778

Deuteranopia

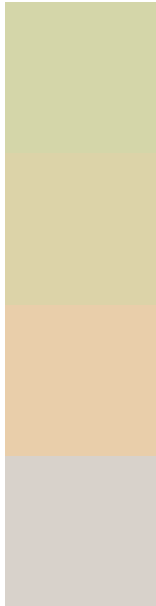
64.5938, 0.3710, 0.3624



Tritanopia

65.0134, 0.3106, 0.3114

Trichromacy



Original Color

64.9548, 0.3427, 0.3814

Protanomaly

64.6313, 0.3504, 0.3782

Deuteranomaly

64.3685, 0.3608, 0.3690

Tritanomaly

65.0039, 0.3221, 0.3369

Monochromacy



Original Color

64.9548, 0.3427, 0.3814

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.5435, 0.3232, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9548, 0.3427, 0.3814 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, 214, 169)` looks like.

```
.text, #text, p{  
    color:rgb(212, 214, 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(212, 214, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 214, 169) }
```

Border

The CSS property to change the border of an element to Yxy 64.9548, 0.3427, 0.3814 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, 214, 169) }
```

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

```
.border{ border-color:rgb(212, 214, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 214, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 214, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 214, 169);  
box-shadow:4px 4px 4px 4px rgb(212, 214,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9548, 0.3427, 0.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 214, 169) }
```

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

```
.background{ background-color: rgb(212,  
214, 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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