

Converting Colors

$Yxy(64.7574, 0.3424, 0.3803)$

Have a look what the booklet for
Yxy(64.7574, 0.3424, 0.3803)
contains.

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Color

Yxy(64.9925, 0.3420, 0.3802)

Conversions

Conversions Part 1

Format	Color
Hex	D4D6AA
RGB	212, 214, 170
RGB Percent	83%, 84%, 67%
CMY	0.1684, 0.1608, 0.3334
CMYK	0.01, 0.00, 0.21, 0.16
HSL	63°, 35%, 75%
HSV	63°, 21%, 84%
XYZ	58.4625, 64.9925, 47.4879
YIQ	208.3860, 12.9320, -14.1080

Conversions

Conversions Part 2

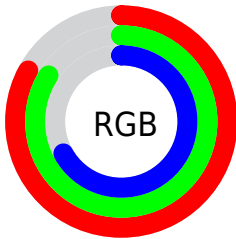
Format	Color
RYB	170, 214, 172
Decimal	13948586
CIELab	84.48, -7.88, 21.57
CIELCh	84, 22.964, 110.070
Yxy	64.9925, 0.3420, 0.3802
Android (android.graphics.Color)	4292138666 (0xFFD4D6AA)
YUV	208.3860, -18.9243, 3.1695
Hunter-Lab	80.6179, -11.6368, 21.5078

Details

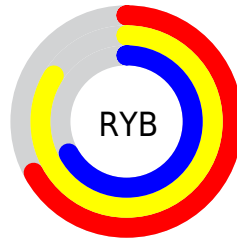
The Yxy color **64.9925, 0.3420, 0.3802** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.3640, 0.2800, 0.2727**, and the grayscale version is **63.4641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **33.2724, 0.3485, 0.3921** is the 20% darker color. If you saturate the color by 10%, you get **64.1100, 0.3563, 0.4055**, and if you desaturate by 10%, it is **66.0134, 0.3276, 0.3549**.

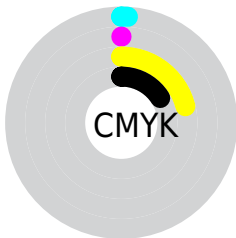
Distribution



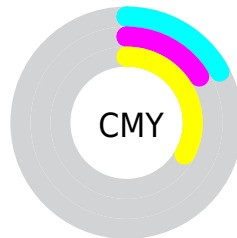
- Red (83%)
- Green (84%)
- Blue (67%)



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



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





- Cyan (17%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9925, 0.3420, 0.3802 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 64.9925, 0.3420, 0.3802 by changing the saturation by 10% instead.


 64.9925, 0.3420,
0.3802

 64.9925, 0.3420,
0.3802


442.7650, 0.3284,
0.3557

 47.4550, 0.3451,
0.3860

 112.0391, 0.3373,
0.3715

 33.3955, 0.3489,
0.3932


142.3169, 0.3355,
0.3682

 22.4296, 0.3536,
0.4025


177.6104, 0.3339,
0.3654

 14.1729, 0.3597,
0.4149

218.3038, 0.3325,
0.3629

 8.2410, 0.3677,
0.4321

264.7816, 0.3313,
0.3608

 4.2496, 0.3784,
0.4573

317.4281, 0.3302,

 1.8141, 0.4111,

0.3589

0.5207

376.6278, 0.3293,
0.3572

0.4959, 0.3600,
0.6400

0.0000, 0.0000,
0.0000

64.9925, 0.3420,
0.3802

64.9925, 0.3420,
0.3802

64.1100, 0.3563,
0.4055

66.0134, 0.3276,
0.3549

63.3509, 0.3699,
0.4299

67.1701, 0.3135,
0.3304

62.7111, 0.3823,
0.4525

68.4709, 0.3000,
0.3070

62.1832, 0.3930,
0.4723

69.8832, 0.2876,
0.2857

■ 61.7587, 0.4014,
0.4883

■ 70.0277, 0.2883,
0.2857

■ 61.4279, 0.4072,
0.5002

■ 70.1731, 0.2889,
0.2858

■ 61.1794, 0.4104,
0.5076

■ 70.3192, 0.2895,
0.2859

■ 61.0011, 0.4116,
0.5114

■ 70.4662, 0.2902,
0.2860

■ 70.6141, 0.2908,
0.2861

Harmonies

Analogous

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



64.9925, 0.3628, 0.3714



64.9925, 0.3420, 0.3802



64.9925, 0.3139, 0.3741

Triad

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



64.9925, 0.3420, 0.3802



64.9925, 0.2586, 0.3019



64.9925, 0.3384, 0.3056

Complementary

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



64.9925, 0.3420, 0.3802



42.3640, 0.2800, 0.2727

Split Complementary

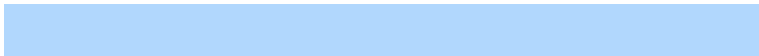
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.9925, 0.3094, 0.2888



64.9925, 0.3420, 0.3802



64.9925, 0.2643, 0.2859

Square

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



64.9925, 0.3420, 0.3802



64.9925, 0.2665, 0.3268



64.9925, 0.2825, 0.2816



64.9925, 0.3610, 0.3282

Rectangle

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



64.9925, 0.3420, 0.3802



64.9925, 0.2951, 0.3619



64.9925, 0.2825, 0.2816



64.9925, 0.3290, 0.2991

Sweetspot

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



64.9954, 0.3420, 0.3802



98.9253, 0.3212, 0.3437



46.4958, 0.3532, 0.3309



21.1500, 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.



64.9954, 0.3420, 0.3802



96.0215, 0.3487, 0.3921



62.0064, 0.3253, 0.3830



14.4907, 0.3260, 0.3521



36.8863, 0.4117, 0.5113



2.2337, 0.4131, 0.5102

Inverse Universe

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



42.3640, 0.2800, 0.2727



56.0695, 0.2714, 0.2579



44.9983, 0.2976, 0.2755



12.0346, 0.2988, 0.3049



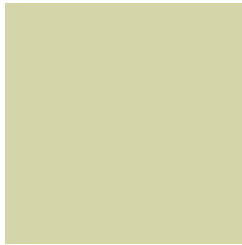
2.9833, 0.1515, 0.0608



0.1894, 0.1562, 0.0634

Previews

White Background



This preview shows how the Yxy color 64.9925, 0.3420, 0.3802 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 64.9925, 0.3420, 0.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

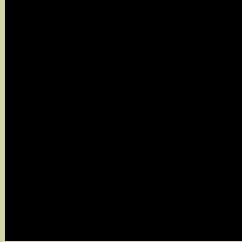
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.9925, 0.3420, 0.3802

Background



This preview shows how black text looks on a background with the Yxy color 64.9925, 0.3420, 0.3802.



This preview shows how white text looks on a background with the Yxy color 64.9925, 0.3420, 0.3802.

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

64.9925, 0.3420, 0.3802

Protanopia

64.7676, 0.3539, 0.3766

Deuteranopia

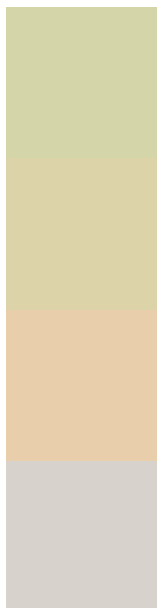
64.4527, 0.3694, 0.3614



Tritanopia

65.0134, 0.3106, 0.3114

Trichromacy



Original Color

64.9925, 0.3420, 0.3802

Protanomaly

64.6687, 0.3497, 0.3771

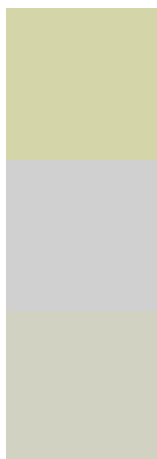
Deuteranomaly

64.2387, 0.3592, 0.3680

Tritanomaly

65.0517, 0.3214, 0.3358

Monochromacy



Original Color

64.9925, 0.3420, 0.3802

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 64.9925, 0.3420, 0.3802 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(212, 214, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 214, 170) }
```

Border

The CSS property to change the border of an element to Yxy 64.9925, 0.3420, 0.3802 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, 170) }
```

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

```
.border{ border-color:rgb(212, 214, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 214, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 214, 170);  
box-shadow:4px 4px 4px 4px rgb(212, 214,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9925, 0.3420, 0.3802 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, 170) }
```

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

```
.background{ background-color: rgb(212,  
214, 170) }
```

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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