

Converting Colors

Yxy(68.3130, 0.3205, 0.3494)

Have a look what the booklet for
Yxy(68.3130, 0.3205, 0.3494)
contains.

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Color

Yxy(68.3100, 0.3205, 0.3494)

Conversions

Conversions Part 1

Format	Color
Hex	D4DAC8
RGB	212, 218, 200
RGB Percent	83%, 85%, 78%
CMY	0.1684, 0.1451, 0.2156
CMYK	0.03, 0.00, 0.08, 0.15
HSL	80°, 20%, 82%
HSV	80°, 8%, 85%
XYZ	62.6599, 68.3100, 64.5367
YIQ	214.1540, 2.2020, -6.8700

Conversions

Conversions Part 2

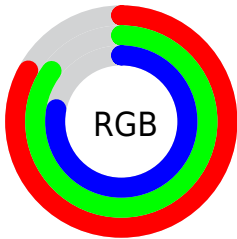
Format	Color
R _Y B	200, 218, 206
Decimal	13949640
CIE Lab	86.16, -5.19, 8.14
CIE LCh	86, 9.650, 122.502
Yxy	68.3100, 0.3205, 0.3494
Android (android.graphics.Color)	4292139720 (0xFFD4DAC8)
YUV	214.1540, -6.9779, -1.8891
Hunter-Lab	82.6499, -9.3099, 11.5586

Details

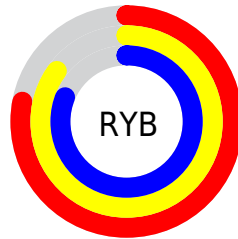
The Yxy color **68.3100, 0.3205, 0.3494** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4949, 0.3045, 0.3083**, and the grayscale version is **67.4078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4378, 0.3220, 0.3545** is the 20% darker color. If you saturate the color by 10%, you get **66.3175, 0.3300, 0.3756**, and if you desaturate by 10%, it is **70.5016, 0.3111, 0.3248**.

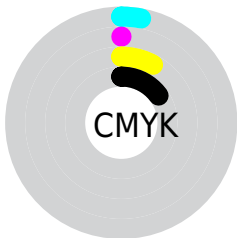
Distribution



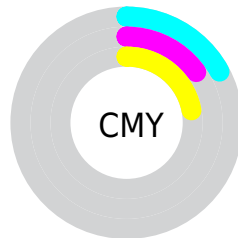
- Red (83%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (17%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.3100, 0.3205, 0.3494 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 68.3100, 0.3205, 0.3494 by changing the saturation by 10% instead.

■ 68.3100, 0.3205,
0.3494

■ 68.3100, 0.3205,
0.3494

454.5936, 0.3169,
0.3398

■ 50.1500, 0.3213,
0.3517

116.7955, 0.3193,
0.3460

■ 35.5326, 0.3223,
0.3545

147.8898, 0.3188,
0.3447

■ 24.0734, 0.3236,
0.3581

184.0643, 0.3183,
0.3436

■ 15.3881, 0.3253,
0.3629

225.7033, 0.3180,
0.3426

■ 9.0922, 0.3276,
0.3696

273.1914, 0.3177,
0.3418

■ 4.8014, 0.3308,
0.3797

326.9129, 0.3174,

■ 2.1312, 0.3359,

0.3410

387.2521, 0.3171,
0.3404

0.3962

0.6821, 0.3788,
0.4952

0.0000, 0.0000,
0.0000

68.3100, 0.3205,
0.3494

68.3100, 0.3205,
0.3494

66.3175, 0.3300,
0.3756

70.5016, 0.3111,
0.3248

64.5084, 0.3393,
0.4031


72.8898, 0.3020,
0.3021


62.8786, 0.3479,
0.4310


74.7943, 0.2997,
0.2913

61.4202, 0.3555,
0.4585


76.0368, 0.3046,
0.2919


 60.1250, 0.3614,
0.4844


 77.3295, 0.3096,
0.2925

 58.9837, 0.3653,
0.5073

 78.6177, 0.3144,
0.2930

 57.9858, 0.3667,
0.5262

 57.1191, 0.3656,
0.5403

 56.3662, 0.3623,
0.5496

Harmonies

Analogous

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



68.3100, 0.3305, 0.3487



68.3100, 0.3205, 0.3494



68.3100, 0.3085, 0.3443

Triad

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



68.3100, 0.3205, 0.3494



68.3100, 0.2902, 0.3147



68.3100, 0.3277, 0.3231

Complementary

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



68.3100, 0.3205, 0.3494



59.4949, 0.3045, 0.3083

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.



68.3100, 0.3166, 0.3144



68.3100, 0.3205, 0.3494



68.3100, 0.2950, 0.3095

Square

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



68.3100, 0.3205, 0.3494



68.3100, 0.2912, 0.3240



68.3100, 0.3047, 0.3095



68.3100, 0.3348, 0.3334

Rectangle

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



68.3100, 0.3205, 0.3494



68.3100, 0.3011, 0.3384



68.3100, 0.3047, 0.3095



68.3100, 0.3243, 0.3199

Sweetspot

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



68.3130, 0.3205, 0.3494



99.3575, 0.3146, 0.3339



63.0779, 0.3262, 0.3355



21.2733, 0.3145, 0.3336



0.0000, 0.0000, 0.0000



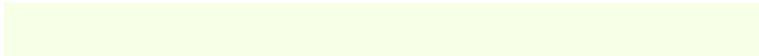
21.4041, 0.3127, 0.3290

Same Dimension

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



68.3130, 0.3205, 0.3494



96.9011, 0.3223, 0.3541



67.0493, 0.3141, 0.3498



15.0370, 0.3216, 0.3525



33.7587, 0.3625, 0.5504



2.2332, 0.3719, 0.5429

Inverse Universe

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



59.4949, 0.3045, 0.3083



81.7009, 0.3025, 0.3035



60.7797, 0.3111, 0.3088



12.8252, 0.3032, 0.3052



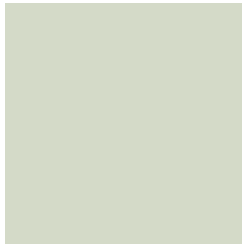
3.9122, 0.1746, 0.0735



0.2995, 0.1927, 0.0835

Previews

White Background



This preview shows how the Yxy color 68.3100, 0.3205, 0.3494 looks on a white background.

Color Contrast Check

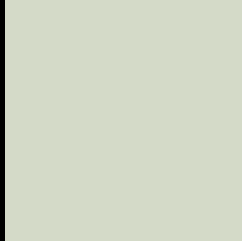
Large Text (above 18pt) WCAG AA × Fail

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 68.3100, 0.3205, 0.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

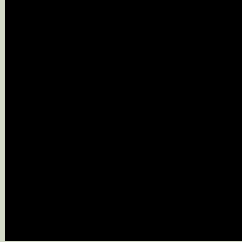
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

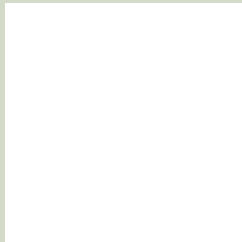
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.3100, 0.3205, 0.3494

Background



This preview shows how black text looks on a background with the Yxy color 68.3100, 0.3205, 0.3494.



This preview shows how white text looks on a background with the Yxy color 68.3100, 0.3205, 0.3494.

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

68.3100, 0.3205, 0.3494

Protanopia

68.3661, 0.3304, 0.3479

Deuteranopia

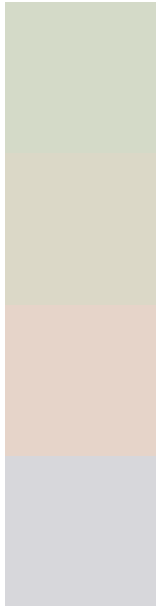
68.0768, 0.3425, 0.3355



Tritanopia

68.5580, 0.3042, 0.3115

Trichromacy



Original Color

68.3100, 0.3205, 0.3494

Protanomaly

68.2953, 0.3266, 0.3481

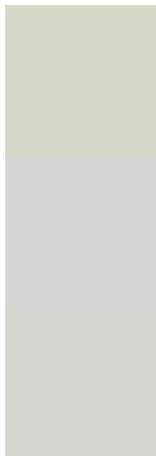
Deuteranomaly

68.1270, 0.3340, 0.3411

Tritanomaly

68.1624, 0.3100, 0.3246

Monochromacy



Original Color

68.3100, 0.3205, 0.3494

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.3505, 0.3153, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3100, 0.3205, 0.3494 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, 218, 200)` looks like.

```
.text, #text, p{  
    color:rgb(212, 218, 200)  
}
```

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, 218, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 218, 200) }
```

Border

The CSS property to change the border of an element to Yxy 68.3100, 0.3205, 0.3494 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, 218, 200) }
```

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

```
.border{ border-color:rgb(212, 218, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 218, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 218, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 218, 200);  
box-shadow:4px 4px 4px 4px rgb(212, 218,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3100, 0.3205, 0.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 218, 200) }
```

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

```
.background{ background-color: rgb(212,  
218, 200) }
```

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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