

# Converting Colors

$Yxy(69.9736, 0.3289, 0.3586)$

Have a look what the booklet for  
Yxy(69.9736, 0.3289, 0.3586)  
contains.

|                                           |    |
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# Color

**Yxy(69.9869, 0.3288, 0.3582)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | DADCC2                    |
| RGB           | 218, 220, 194             |
| RGB Percent   | 85%, 86%, 76%             |
| CMY           | 0.1451, 0.1372, 0.2393    |
| CMYK          | 0.01, 0.00, 0.12, 0.14    |
| HSL           | 65°, 27%, 81%             |
| HSV           | 65°, 12%, 86%             |
| XYZ           | 64.2426, 69.9869, 61.1555 |
| YIQ           | 216.4380, 7.1540, -8.5100 |

# Conversions

## Conversions Part 2

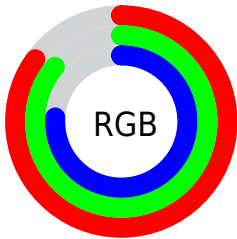
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 194, 220, 196                 |
| Decimal                             | 14343362                      |
| CIELab                              | 86.99, -5.13, 12.56           |
| CIELCh                              | 87, 13.561, 112.209           |
| Yxy                                 | 69.9869, 0.3288,<br>0.3582    |
| Android<br>(android.graphics.Color) | 4292533442<br>(0xFFDADCC2)    |
| YUV                                 | 216.4380, -11.0619,<br>1.3699 |
| Hunter-Lab                          | 83.6582, -9.3285,<br>15.2188  |

# Details

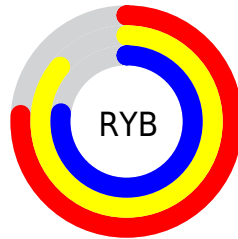
The Yxy color **69.9869, 0.3288, 0.3582** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4831, 0.2956, 0.2983**, and the grayscale version is **69.0580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **36.5902, 0.3329, 0.3659** is the 20% darker color. If you saturate the color by 10%, you get **68.8128, 0.3427, 0.3837**, and if you desaturate by 10%, it is **71.3161, 0.3152, 0.3334**.

# Distribution



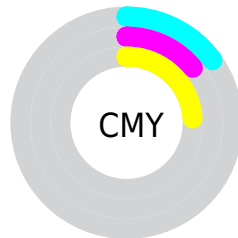
- Red (85%)
- Green (86%)
- Blue (76%)



- Red (76%)
- Yellow (86%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9869, 0.3288, 0.3582 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 69.9869, 0.3288, 0.3582 by changing the saturation by 10% instead.



69.9869, 0.3288,  
0.3582

69.9869, 0.3288,  
0.3582

460.5040, 0.3214,  
0.3445

51.5159, 0.3305,  
0.3614

119.1901, 0.3262,  
0.3534

36.6193, 0.3326,  
0.3654

150.6910, 0.3252,  
0.3515

24.9129, 0.3352,  
0.3705

187.3040, 0.3244,  
0.3499

16.0122, 0.3386,  
0.3772

229.4135, 0.3236,  
0.3485

9.5328, 0.3433,  
0.3866

277.4038, 0.3230,  
0.3473

5.0903, 0.3498,  
0.4004

331.6594, 0.3224,

2.3003, 0.3597,

0.3463

0.4225

392.5647, 0.3218,  
0.3453

0.7739, 0.4410,  
0.5590

0.0000, 0.0000,  
0.0000

69.9869, 0.3288,  
0.3582

69.9869, 0.3288,  
0.3582

68.8128, 0.3427,  
0.3837

71.3161, 0.3152,  
0.3334

67.7783, 0.3563,  
0.4093

72.7973, 0.3020,  
0.3098

66.8796, 0.3692,  
0.4340

74.1135, 0.2926,  
0.2927

66.1090, 0.3809,  
0.4568

74.3850, 0.2938,  
0.2928

65.4586, 0.3907,  
0.4768

74.6592, 0.2949,  
0.2929

64.9190, 0.3981,  
0.4931

74.9361, 0.2960,  
0.2930

64.4797, 0.4030,  
0.5050

75.2157, 0.2972,  
0.2932

64.1281, 0.4053,  
0.5125

75.4981, 0.2983,  
0.2933

63.8885, 0.4057,  
0.5161

75.7832, 0.2995,  
0.2934

# Harmonies

## Analogous

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



69.9869, 0.3410, 0.3543



69.9869, 0.3288, 0.3582



69.9869, 0.3125, 0.3538

# Triad

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



69.9869, 0.3288, 0.3582



69.9869, 0.2810, 0.3129



69.9869, 0.3287, 0.3162

# Complementary

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



69.9869, 0.3288, 0.3582



55.4831, 0.2956, 0.2983

# 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.



69.9869, 0.3122, 0.3058



69.9869, 0.3288, 0.3582



69.9869, 0.2850, 0.3036

# Square

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



69.9869, 0.3288, 0.3582



69.9869, 0.2852, 0.3270



69.9869, 0.2963, 0.3012



69.9869, 0.3410, 0.3300



# Rectangle

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



69.9869, 0.3288, 0.3582



69.9869, 0.3016, 0.3467



69.9869, 0.2963, 0.3012



69.9869, 0.3234, 0.3122

# Sweetspot

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



69.9900, 0.3288, 0.3582



99.2112, 0.3181, 0.3388



58.4675, 0.3337, 0.3310



21.2044, 0.3192, 0.3407



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.



69.9900, 0.3288, 0.3582



97.3910, 0.3320, 0.3640



68.1017, 0.3194, 0.3591



15.2100, 0.3255, 0.3522



37.5149, 0.4059, 0.5159



2.4459, 0.4082, 0.5140



# Inverse Universe

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



55.4831, 0.2956, 0.2983



73.5784, 0.2919, 0.2918



57.2637, 0.3053, 0.2992



12.6650, 0.2993, 0.3049



3.1212, 0.1526, 0.0614

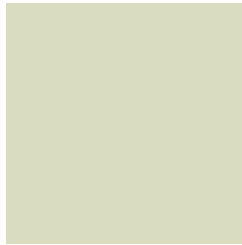


0.2193, 0.1602, 0.0656



# Previews

## White Background



This preview shows how the Yxy color 69.9869, 0.3288, 0.3582 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 69.9869, 0.3288, 0.3582 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

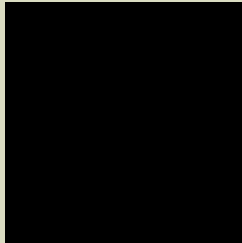
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

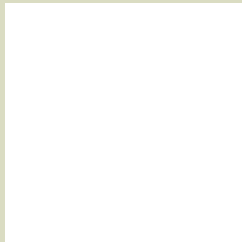
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 69.9869, 0.3288, 0.3582**

## **Background**



This preview shows how black text looks on a background with the Yxy color 69.9869, 0.3288, 0.3582.

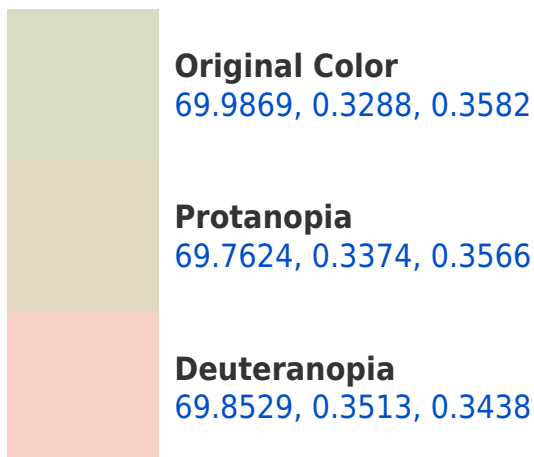


This preview shows how white text looks on a background with the Yxy color 69.9869, 0.3288, 0.3582.

# 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





## Tritanopia

70.1150, 0.3071, 0.3107

# Trichromacy



## Original Color

69.9869, 0.3288, 0.3582

## Protanomaly

69.8404, 0.3343, 0.3568

## Deuteranomaly

69.8661, 0.3427, 0.3496

## Tritanomaly

70.0598, 0.3149, 0.3279

# Monochromacy



## Original Color

69.9869, 0.3288, 0.3582

## Achromatopsia

68.6685, 0.3127, 0.3290

## Achromatomaly

68.9315, 0.3188, 0.3390

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 69.9869, 0.3288, 0.3582 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(218, 220, 194)` looks like.

```
.text, #text, p{  
    color:rgb(218, 220, 194)  
}
```

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(218, 220, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 220, 194) }
```

## Border

The CSS property to change the border of an element to Yxy 69.9869, 0.3288, 0.3582 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(218, 220, 194) }
```

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

```
.border{ border-color:rgb(218, 220, 194) }
```

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

Here you see how a box with a 4 pixel rgb(218, 220, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 220, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 220, 194);  
box-shadow:4px 4px 4px 4px rgb(218, 220,  
194) }
```



# Background

The CSS property to change the background color of an element to Yxy 69.9869, 0.3288, 0.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 220, 194) }
```

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

```
.background{ background-color: rgb(218,  
220, 194) }
```

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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