

Converting Colors

Yxy(69.1124, 0.3187, 0.3483)

Have a look what the booklet for
Yxy(69.1124, 0.3187, 0.3483)
contains.

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Color

Yxy(68.9244, 0.3190, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	D4DBCA
RGB	212, 219, 202
RGB Percent	83%, 86%, 79%
CMY	0.1687, 0.1412, 0.2077
CMYK	0.03, 0.00, 0.08, 0.14
HSL	85°, 19%, 83%
HSV	85°, 8%, 86%
XYZ	63.1444, 68.9244, 65.8760
YIQ	214.9690, 1.2850, -6.7710

Conversions

Conversions Part 2

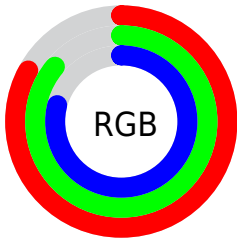
Format	Color
R _Y B	202, 219, 209
Decimal	13949898
CIE Lab	86.47, -5.38, 7.51
CIE LCh	86, 9.241, 125.627
Yxy	68.9244, 0.3190, 0.3482
Android (android.graphics.Color)	4292139978 (0xFFD4DBCA)
YUV	214.9690, -6.3937, -2.6038
Hunter-Lab	83.0207, -9.5216, 11.0685

Details

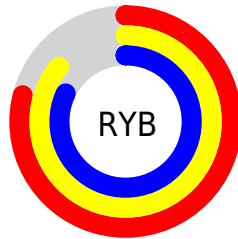
The Yxy color **68.9244, 0.3190, 0.3482** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9377, 0.3061, 0.3097**, and the grayscale version is **67.9785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8571, 0.3201, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **66.6536, 0.3271, 0.3747**, and if you desaturate by 10%, it is **71.4239, 0.3109, 0.3236**.

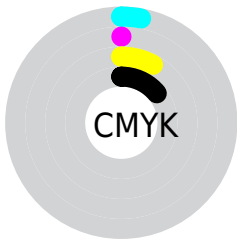
Distribution



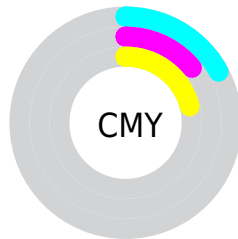
- Red (83%)
- Green (86%)
- Blue (79%)



- Red (79%)
- Yellow (86%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9244, 0.3190, 0.3482 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 68.9244, 0.3190, 0.3482 by changing the saturation by 10% instead.

■ 68.9244, 0.3190,
0.3482

■ 68.9244, 0.3190,
0.3482

456.7643, 0.3161,
0.3391

■ 50.6501, 0.3197,
0.3503

117.6736, 0.3180,
0.3450

■ 35.9303, 0.3205,
0.3530

148.9173, 0.3176,
0.3438

■ 24.3803, 0.3215,
0.3564

185.2530, 0.3173,
0.3427

■ 15.6160, 0.3228,
0.3609

227.0650, 0.3170,
0.3418

■ 9.2528, 0.3246,
0.3671

274.7377, 0.3167,
0.3410

■ 4.9065, 0.3272,
0.3765

328.6556, 0.3165,

■ 2.1925, 0.3311,

0.3403

0.3919

389.2030, 0.3163,
0.3397

0.7159, 0.3614,
0.4712

0.0000, 0.0000,
0.0000

68.9244, 0.3190,
0.3482

68.9244, 0.3190,
0.3482

66.6536, 0.3271,
0.3747

71.4239, 0.3109,
0.3236

64.5953, 0.3350,
0.4026

74.1502, 0.3030,
0.3012

62.7444, 0.3422,
0.4315

76.2648, 0.3034,
0.2928

61.0926, 0.3484,
0.4602

77.8826, 0.3097,
0.2935

■ 59.6308, 0.3530,
0.4877

■ 79.1459, 0.3144,
0.2940

■ 58.3490, 0.3556,
0.5124

■ 57.2359, 0.3559,
0.5332

■ 56.2786, 0.3537,
0.5489

■ 55.4597, 0.3495,
0.5595

Harmonies

Analogous

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



68.9244, 0.3289, 0.3482



68.9244, 0.3190, 0.3482



68.9244, 0.3076, 0.3428

Triad

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



68.9244, 0.3190, 0.3482



68.9244, 0.2914, 0.3147



68.9244, 0.3279, 0.3243

Complementary

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



68.9244, 0.3190, 0.3482



60.9377, 0.3061, 0.3097

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.



68.9244, 0.3176, 0.3158



68.9244, 0.3190, 0.3482



68.9244, 0.2966, 0.3102

Square

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



68.9244, 0.3190, 0.3482



68.9244, 0.2918, 0.3232



68.9244, 0.3062, 0.3106



68.9244, 0.3341, 0.3342

Rectangle

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



68.9244, 0.3190, 0.3482



68.9244, 0.3006, 0.3369



68.9244, 0.3062, 0.3106



68.9244, 0.3248, 0.3212

Sweetspot

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



68.9274, 0.3190, 0.3482



99.2780, 0.3143, 0.3339



64.8425, 0.3252, 0.3367



21.2572, 0.3143, 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.



68.9274, 0.3190, 0.3482



96.8530, 0.3201, 0.3516



67.7321, 0.3130, 0.3485



14.9815, 0.3204, 0.3525



32.8471, 0.3494, 0.5608



2.1781, 0.3606, 0.5519

Inverse Universe

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



60.9377, 0.3061, 0.3097



83.7577, 0.3048, 0.3062



62.1733, 0.3123, 0.3101



12.8789, 0.3045, 0.3053



4.3995, 0.1871, 0.0805



0.3348, 0.2056, 0.0906

Previews

White Background



This preview shows how the Yxy color 68.9244, 0.3190, 0.3482 looks on a white background.

Color Contrast Check

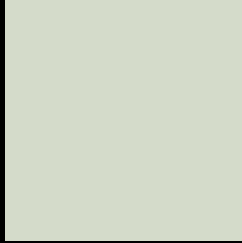
Large Text (above 18pt) WCAG AA × Fail

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 68.9244, 0.3190, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

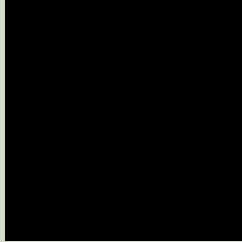
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

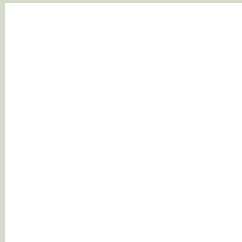
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.9244, 0.3190, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 68.9244, 0.3190, 0.3482.

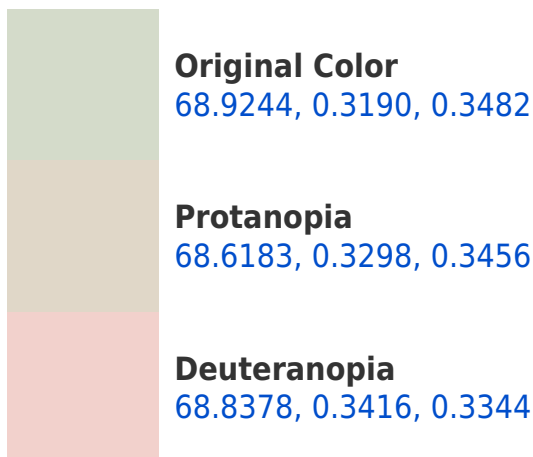


This preview shows how white text looks on a background with the Yxy color 68.9244, 0.3190, 0.3482.

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

69.0260, 0.3022, 0.3105

Trichromacy



Original Color

68.9244, 0.3190, 0.3482

Protanomaly

68.5444, 0.3259, 0.3458

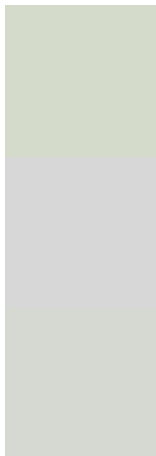
Deuteranomaly

68.8892, 0.3332, 0.3399

Tritanomaly

68.7793, 0.3087, 0.3235

Monochromacy



Original Color

68.9244, 0.3190, 0.3482

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.0610, 0.3153, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9244, 0.3190, 0.3482 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, 219, 202)` looks like.

```
.text, #text, p{  
    color:rgb(212, 219, 202)  
}
```

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, 219, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 219, 202) }
```

Border

The CSS property to change the border of an element to Yxy 68.9244, 0.3190, 0.3482 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, 219, 202) }
```

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

```
.border{ border-color:rgb(212, 219, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 219, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 219, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 219, 202);  
box-shadow:4px 4px 4px 4px rgb(212, 219,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9244, 0.3190, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 219, 202) }
```

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

```
.background{ background-color: rgb(212,  
219, 202) }
```

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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