

Converting Colors

$Yxy(71.0137, 0.3313, 0.3709)$

Have a look what the booklet for
Yxy(71.0137, 0.3313, 0.3709)
contains.

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Color

Yxy(70.7676, 0.3316, 0.3709)

Conversions

Conversions Part 1

Format	Color
Hex	D7DFBA
RGB	215, 223, 186
RGB Percent	84%, 87%, 73%
CMY	0.1569, 0.1254, 0.2707
CMYK	0.04, 0.00, 0.17, 0.13
HSL	73°, 37%, 80%
HSV	73°, 17%, 87%
XYZ	63.2692, 70.7676, 56.7629
YIQ	216.3900, 7.1090, -13.2030

Conversions

Conversions Part 2

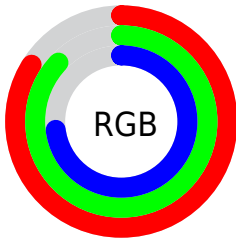
Format	Color
R _{YB}	186, 223, 194
Decimal	14147514
CIE Lab	87.37, -9.00, 17.26
CIE LCh	87, 19.467, 117.531
Yxy	70.7676, 0.3316, 0.3709
Android (android.graphics.Color)	4292337594 (0xFFD7DFBA)
YUV	216.3900, -14.9823, -1.2190
Hunter-Lab	84.1235, -12.9664, 18.8801

Details

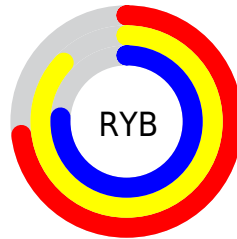
The Yxy color **70.7676, 0.3316, 0.3709** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.9038, 0.2918, 0.2851**, and the grayscale version is **69.0487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **37.1723, 0.3356, 0.3811** is the 20% darker color. If you saturate the color by 10%, you get **69.1744, 0.3430, 0.3975**, and if you desaturate by 10%, it is **72.5366, 0.3202, 0.3452**.

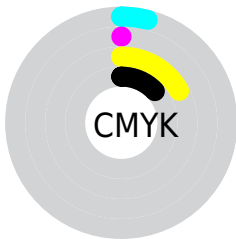
Distribution



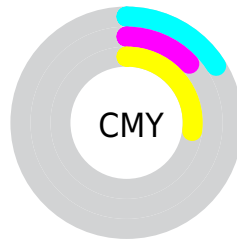
- Red (84%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)





- Cyan (16%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.7676, 0.3316, 0.3709 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 70.7676, 0.3316, 0.3709 by changing the saturation by 10% instead.

 70.7676, 0.3316,
0.3709

 70.7676, 0.3316,
0.3709


463.2406, 0.3230,
0.3511

 52.1526, 0.3335,
0.3755

 120.3028, 0.3287,
0.3639

 37.1267, 0.3359,
0.3813


151.9917, 0.3275,
0.3613

 25.3056, 0.3388,
0.3887

188.8073, 0.3265,
0.3590

 16.3049, 0.3425,
0.3985

231.1341, 0.3256,
0.3570

 9.7402, 0.3474,
0.4120

279.3565, 0.3248,
0.3552

 5.2270, 0.3541,
0.4319

333.8587, 0.3242,

 2.3811, 0.3633,

0.3537

0.4639

395.0253, 0.3236,
0.3523

0.8161, 0.4052,
0.5948

0.0000, 0.0000,
0.0000

70.7676, 0.3316,
0.3709

70.7676, 0.3316,
0.3709

69.1744, 0.3430,
0.3975

72.5366, 0.3202,
0.3452

67.7407, 0.3538,
0.4242


74.4788, 0.3090,
0.3209

66.4620, 0.3636,
0.4503

76.6034, 0.2982,
0.2984


65.3302, 0.3719,
0.4744

77.5477, 0.3001,
0.2966


 64.3360, 0.3781,
0.4956

 78.3783, 0.3034,
0.2969


 63.4691, 0.3819,
0.5128


 79.2315, 0.3066,
0.2972

 62.7177, 0.3830,
0.5255

 80.1072, 0.3099,
0.2976

 62.0665, 0.3818,
0.5335

 81.0059, 0.3132,
0.2979

 61.8595, 0.3810,
0.5357

 81.2618, 0.3142,
0.2980

Harmonies

Analogous

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



70.7676, 0.3507, 0.3669



70.7676, 0.3316, 0.3709



70.7676, 0.3080, 0.3626

Triad

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



70.7676, 0.3316, 0.3709



70.7676, 0.2679, 0.3027



70.7676, 0.3393, 0.3140

Complementary

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



70.7676, 0.3316, 0.3709



51.9038, 0.2918, 0.2851

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.



70.7676, 0.3161, 0.2984



70.7676, 0.3316, 0.3709



70.7676, 0.2755, 0.2915

Square

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



70.7676, 0.3316, 0.3709



70.7676, 0.2718, 0.3219



70.7676, 0.2929, 0.2902



70.7676, 0.3554, 0.3336

Rectangle

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



70.7676, 0.3316, 0.3709



70.7676, 0.2929, 0.3512



70.7676, 0.2929, 0.2902



70.7676, 0.3320, 0.3082

Sweetspot

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



70.7707, 0.3316, 0.3709



98.6856, 0.3184, 0.3413



57.8165, 0.3428, 0.3383



21.0843, 0.3192, 0.3431



0.0000, 0.0000, 0.0000



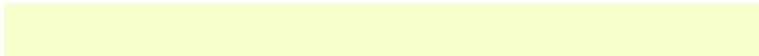
21.4041, 0.3127, 0.3290

Same Dimension

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



70.7707, 0.3316, 0.3709



95.1035, 0.3356, 0.3802



68.1243, 0.3181, 0.3727



15.8719, 0.3234, 0.3524



36.4192, 0.3816, 0.5352



2.5620, 0.3877, 0.5304

Inverse Universe

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



51.9038, 0.2918, 0.2851



64.8606, 0.2867, 0.2747



54.5087, 0.3062, 0.2869



13.3857, 0.3014, 0.3050



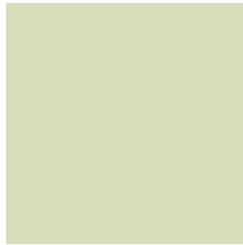
3.5471, 0.1615, 0.0663



0.2849, 0.1763, 0.0745

Previews

White Background



This preview shows how the Yxy color 70.7676, 0.3316, 0.3709 looks on a white background.

Color Contrast Check

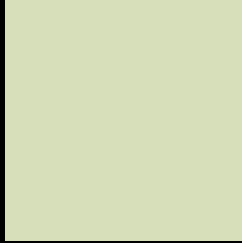
Large Text (above 18pt) WCAG AA × Fail

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 70.7676, 0.3316, 0.3709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

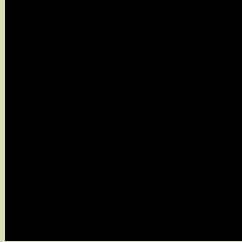
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

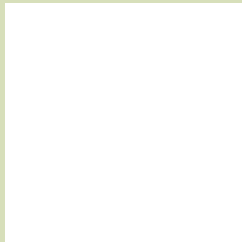
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.7676, 0.3316, 0.3709

Background



This preview shows how black text looks on a background with the Yxy color 70.7676, 0.3316, 0.3709.

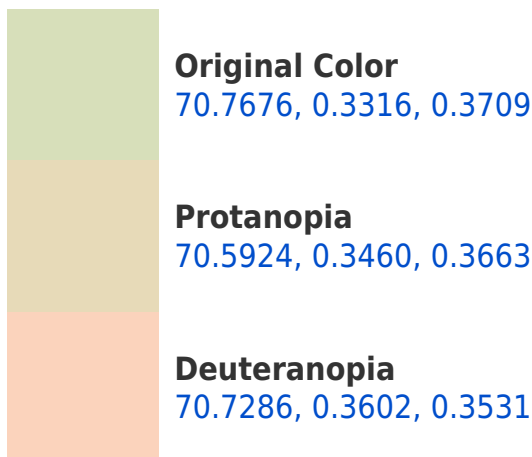


This preview shows how white text looks on a background with the Yxy color 70.7676, 0.3316, 0.3709.

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

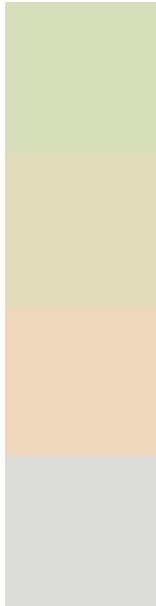




Tritanopia

70.5245, 0.3057, 0.3107

Trichromacy



Original Color

70.7676, 0.3316, 0.3709

Protanomaly

70.6967, 0.3403, 0.3678

Deuteranomaly

70.3659, 0.3499, 0.3592

Tritanomaly

70.6810, 0.3147, 0.3323

Monochromacy



Original Color

70.7676, 0.3316, 0.3709

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.6697, 0.3199, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.7676, 0.3316, 0.3709 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(215, 223, 186)` looks like.

```
.text, #text, p{  
    color:rgb(215, 223, 186)  
}
```

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(215, 223, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 223, 186) }
```

Border

The CSS property to change the border of an element to Yxy 70.7676, 0.3316, 0.3709 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(215, 223, 186) }
```

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

```
.border{ border-color:rgb(215, 223, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 223, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 223, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 223, 186);  
box-shadow:4px 4px 4px 4px rgb(215, 223,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 70.7676, 0.3316, 0.3709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 223, 186) }
```

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

```
.background{ background-color: rgb(215,  
223, 186) }
```

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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