

Converting Colors

$Yxy(70.0064, 0.3365, 0.3813)$

Have a look what the booklet for
Yxy(70.0064, 0.3365, 0.3813)
contains.

Yxy(70.0958, 0.3362, 0.3815)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.0958, 0.3362, 0.3815)

Conversions

Conversions Part 1

Format	Color
Hex	D5DFB1
RGB	213, 223, 177
RGB Percent	84%, 87%, 69%
CMY	0.1645, 0.1255, 0.3059
CMYK	0.04, 0.00, 0.21, 0.13
HSL	73°, 42%, 78%
HSV	73°, 21%, 87%
XYZ	61.7725, 70.0958, 51.8691
YIQ	214.7660, 8.8060, -16.4260

Conversions

Conversions Part 2

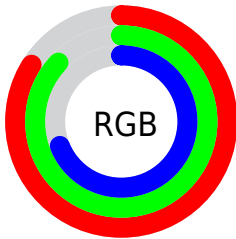
Format	Color
RYB	177, 223, 187
Decimal	14016433
CIELab	87.04, -11.05, 21.46
CIELCh	87, 24.142, 117.250
Yxy	70.0958, 0.3362, 0.3815
Android (android.graphics.Color)	4292206513 (0xFFD5DFB1)
YUV	214.7660, -18.6186, -1.5488
Hunter-Lab	83.7232, -14.8152, 21.8743

Details

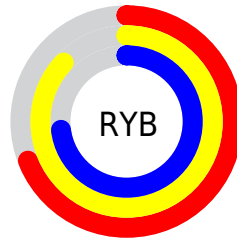
The Yxy color **70.0958, 0.3362, 0.3815** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.3318, 0.2860, 0.2733**, and the grayscale version is **67.9179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **36.7296, 0.3415, 0.3951** is the 20% darker color. If you saturate the color by 10%, you get **68.5698, 0.3474, 0.4083**, and if you desaturate by 10%, it is **71.7947, 0.3247, 0.3554**.

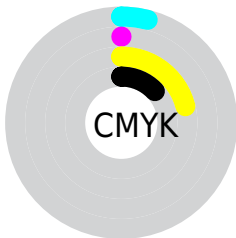
Distribution



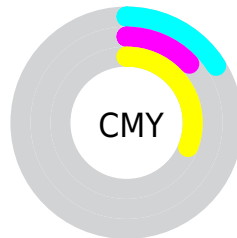
- Red (84%)
- Green (87%)
- Blue (69%)



- Red (69%)
- Yellow (87%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (21%)
- Black (13%)




- Cyan (16%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0958, 0.3362, 0.3815 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 70.0958, 0.3362, 0.3815 by changing the saturation by 10% instead.


 70.0958, 0.3362,
0.3815

 70.0958, 0.3362,
0.3815


460.8863, 0.3256,
0.3566

 51.6046, 0.3385,
0.3873


 119.3454, 0.3326,
0.3727

 36.6900, 0.3414,
0.3946


150.8726, 0.3311,
0.3693

 24.9676, 0.3449,
0.4040


187.5139, 0.3299,
0.3665

 16.0529, 0.3494,
0.4163

229.6537, 0.3288,
0.3639

 9.5616, 0.3550,
0.4334

277.6765, 0.3279,
0.3618

 5.1093, 0.3624,
0.4584

331.9666, 0.3270,

 2.3115, 0.3757,

0.3598

0.5036

392.9084, 0.3263,
0.3581

0.7798, 0.3767,
0.6233

0.0000, 0.0000,
0.0000

70.0958, 0.3362,
0.3815

70.0958, 0.3362,
0.3815

68.5698, 0.3474,
0.4083

71.7947, 0.3247,
0.3554

67.2003, 0.3579,
0.4348


73.6642, 0.3134,
0.3305

65.9825, 0.3672,
0.4602

75.7134, 0.3025,
0.3072

64.9079, 0.3747,
0.4833


77.2061, 0.2988,
0.2964

 63.9669, 0.3800,
0.5030


 78.0266, 0.3021,
0.2968


 63.1487, 0.3827,
0.5185

 78.8694, 0.3053,
0.2971

 62.4403, 0.3828,
0.5292

 79.7348, 0.3086,
0.2974

 61.8551, 0.3811,
0.5356

 80.6228, 0.3119,
0.2977

 81.2524, 0.3142,
0.2980

Harmonies

Analogous

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



70.0958, 0.3600, 0.3758



70.0958, 0.3362, 0.3815



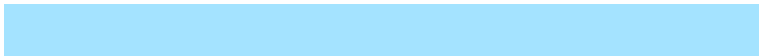
70.0958, 0.3068, 0.3715

Triad

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



70.0958, 0.3362, 0.3815



70.0958, 0.2575, 0.2963



70.0958, 0.3455, 0.3102

Complementary

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



70.0958, 0.3362, 0.3815



47.3318, 0.2860, 0.2733

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.



70.0958, 0.3165, 0.2912



70.0958, 0.3362, 0.3815



70.0958, 0.2665, 0.2826

Square

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



70.0958, 0.3362, 0.3815



70.0958, 0.2622, 0.3201



70.0958, 0.2877, 0.2812



70.0958, 0.3659, 0.3341

Rectangle

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



70.0958, 0.3362, 0.3815



70.0958, 0.2882, 0.3570



70.0958, 0.2877, 0.2812



70.0958, 0.3363, 0.3031

Sweetspot

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



70.0989, 0.3362, 0.3815



98.4308, 0.3195, 0.3438



54.0638, 0.3517, 0.3398



21.0328, 0.3203, 0.3455



0.0000, 0.0000, 0.0000



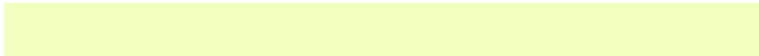
21.4041, 0.3127, 0.3290

Same Dimension

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



70.0989, 0.3362, 0.3815



94.0290, 0.3414, 0.3937



66.9972, 0.3198, 0.3843



15.8721, 0.3234, 0.3524



36.4230, 0.3817, 0.5352



2.5623, 0.3878, 0.5303

Inverse Universe

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



47.3318, 0.2860, 0.2733



57.5767, 0.2790, 0.2594



50.3565, 0.3038, 0.2761



13.3856, 0.3014, 0.3050



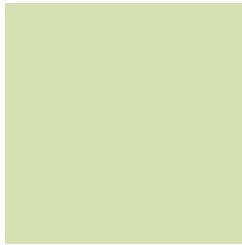
3.5462, 0.1615, 0.0663



0.2848, 0.1763, 0.0745

Previews

White Background



This preview shows how the Yxy color 70.0958, 0.3362, 0.3815 looks on a white background.

Color Contrast Check

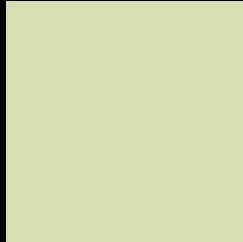
Large Text (above 18pt) WCAG AA × Fail

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 70.0958, 0.3362, 0.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

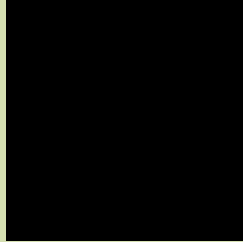
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

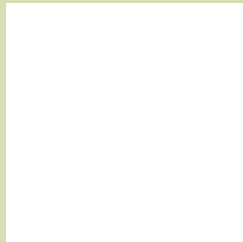
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0958, 0.3362, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 70.0958, 0.3362, 0.3815.

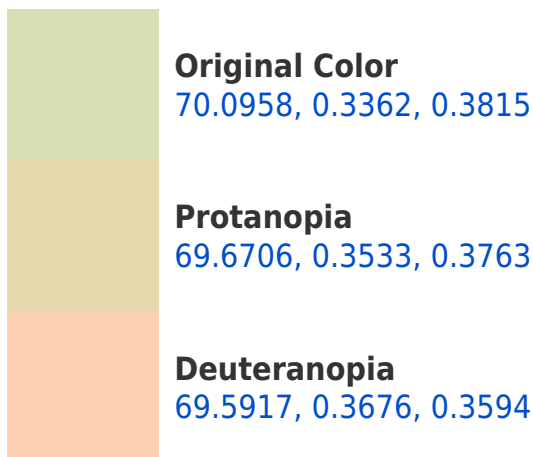


This preview shows how white text looks on a background with the Yxy color 70.0958, 0.3362, 0.3815.

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

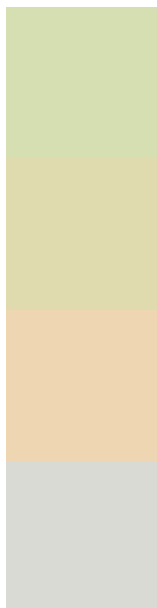




Tritanopia

69.7992, 0.3057, 0.3107

Trichromacy



Original Color

70.0958, 0.3362, 0.3815

Protanomaly

69.6055, 0.3467, 0.3782

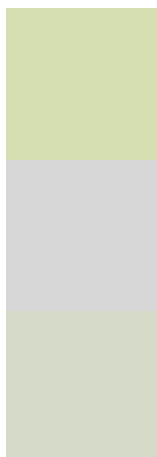
Deuteranomaly

69.5250, 0.3559, 0.3669

Tritanomaly

69.8017, 0.3167, 0.3357

Monochromacy



Original Color

70.0958, 0.3362, 0.3815

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.6560, 0.3213, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0958, 0.3362, 0.3815 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(213, 223, 177)` looks like.

```
.text, #text, p{  
    color:rgb(213, 223, 177)  
}
```

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(213, 223, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 223, 177) }
```

Border

The CSS property to change the border of an element to Yxy 70.0958, 0.3362, 0.3815 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(213, 223, 177) }
```

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

```
.border{ border-color:rgb(213, 223, 177) }
```

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

Here you see how a box with a 4 pixel rgb(213, 223, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 223, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 223, 177);  
box-shadow:4px 4px 4px 4px rgb(213, 223,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0958, 0.3362, 0.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 223, 177) }
```

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

```
.background{ background-color: rgb(213,  
223, 177) }
```

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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