

Converting Colors

Yxy(68.0134, 0.3323, 0.3653)

Have a look what the booklet for
Yxy(68.0134, 0.3323, 0.3653)
contains.

Yxy(68.1351, 0.3323, 0.3655)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(68.1351, 0.3323, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	D7DABA
RGB	215, 218, 186
RGB Percent	84%, 85%, 73%
CMY	0.1571, 0.1450, 0.2706
CMYK	0.01, 0.00, 0.15, 0.15
HSL	66°, 30%, 79%
HSV	66°, 15%, 85%
XYZ	61.9461, 68.1351, 56.3350
YIQ	213.4550, 8.4840, -10.5880

Conversions

Conversions Part 2

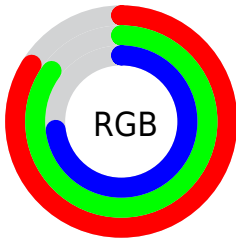
Format	Color
R _{YB}	186, 218, 189
Decimal	14146234
CIE Lab	86.07, -6.47, 15.43
CIE LCh	86, 16.731, 112.742
Yxy	68.1351, 0.3323, 0.3655
Android (android.graphics.Color)	4292336314 (0xFFD7DABA)
YUV	213.4550, -13.5353, 1.3550
Hunter-Lab	82.5440, -10.4946, 17.3163

Details

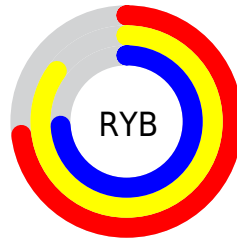
The Yxy color **68.1351, 0.3323, 0.3655** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.0045, 0.2915, 0.2903**, and the grayscale version is **66.9447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **35.3614, 0.3367, 0.3741** is the 20% darker color. If you saturate the color by 10%, you get **66.9657, 0.3458, 0.3912**, and if you desaturate by 10%, it is **69.4560, 0.3189, 0.3404**.

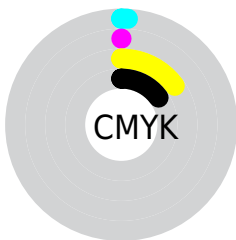
Distribution



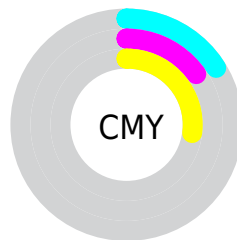
- Red (84%)
- Green (85%)
- Blue (73%)



- Red (73%)
- Yellow (85%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)





- Cyan (16%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.1351, 0.3323, 0.3655 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 68.1351, 0.3323, 0.3655 by changing the saturation by 10% instead.


 68.1351, 0.3323,
0.3655

 68.1351, 0.3323,
0.3655


453.9745, 0.3232,
0.3482

 50.0077, 0.3344,
0.3696


 116.5454, 0.3292,
0.3594

 35.4195, 0.3369,
0.3746


147.5970, 0.3279,
0.3571

 23.9862, 0.3401,
0.3811


183.7255, 0.3269,
0.3551

 15.3234, 0.3442,
0.3898

225.3152, 0.3260,
0.3533

 9.0467, 0.3498,
0.4018

272.7506, 0.3252,
0.3518

 4.7716, 0.3576,
0.4195

326.4160, 0.3245,

 2.1139, 0.3692,

0.3505

0.4485

386.6959, 0.3238,
0.3493

0.6724, 0.4171,
0.5829

0.0000, 0.0000,
0.0000

68.1351, 0.3323,
0.3655

68.1351, 0.3323,
0.3655

66.9657, 0.3458,
0.3912

69.4560, 0.3189,
0.3404

65.9325, 0.3590,
0.4168

70.9254, 0.3059,
0.3165

65.0315, 0.3712,
0.4413

72.5520, 0.2935,
0.2940

64.2552, 0.3820,
0.4638

73.1129, 0.2927,
0.2906

63.5954, 0.3909,
0.4832

73.4481, 0.2941,
0.2907

63.0427, 0.3973,
0.4986

73.7874, 0.2955,
0.2909

62.5864, 0.4011,
0.5097

74.1308, 0.2970,
0.2911

62.2132, 0.4024,
0.5164

74.4784, 0.2984,
0.2912

62.0370, 0.4024,
0.5187

74.8301, 0.2998,
0.2914

Harmonies

Analogous

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



68.1351, 0.3477, 0.3606



68.1351, 0.3323, 0.3655



68.1351, 0.3120, 0.3599

Triad

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



68.1351, 0.3323, 0.3655



68.1351, 0.2734, 0.3085



68.1351, 0.3329, 0.3134

Complementary

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



68.1351, 0.3323, 0.3655



51.0045, 0.2915, 0.2903

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.



68.1351, 0.3124, 0.3005



68.1351, 0.3323, 0.3655



68.1351, 0.2785, 0.2973

Square

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



68.1351, 0.3323, 0.3655



68.1351, 0.2784, 0.3260



68.1351, 0.2926, 0.2946



68.1351, 0.3482, 0.3303

Rectangle

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



68.1351, 0.3323, 0.3655



68.1351, 0.2985, 0.3509



68.1351, 0.2926, 0.2946



68.1351, 0.3263, 0.3085

Sweetspot

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



68.1381, 0.3323, 0.3655



99.1751, 0.3180, 0.3388



54.7029, 0.3395, 0.3322



21.1952, 0.3190, 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.



68.1381, 0.3323, 0.3655



96.5623, 0.3370, 0.3744



65.8873, 0.3206, 0.3669



15.1971, 0.3252, 0.3522



37.1841, 0.4027, 0.5185



2.4278, 0.4055, 0.5162

Inverse Universe

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



51.0045, 0.2915, 0.2903



67.0920, 0.2859, 0.2801



53.1103, 0.3037, 0.2917



12.6767, 0.2996, 0.3049



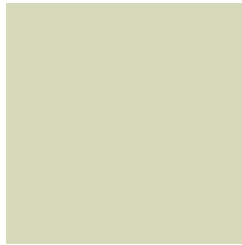
3.1486, 0.1534, 0.0619



0.2249, 0.1626, 0.0669

Previews

White Background



This preview shows how the Yxy color 68.1351, 0.3323, 0.3655 looks on a white background.

Color Contrast Check

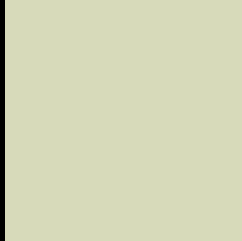
Large Text (above 18pt) WCAG AA × Fail

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 68.1351, 0.3323, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

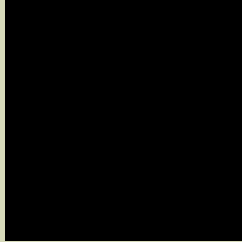
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

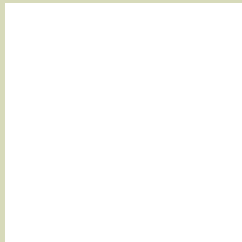
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.1351, 0.3323, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 68.1351, 0.3323, 0.3655.

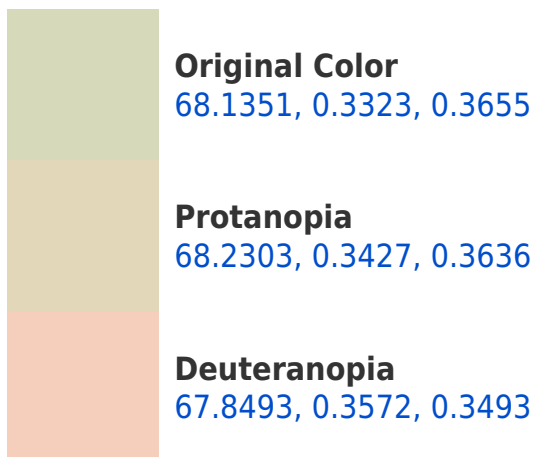


This preview shows how white text looks on a background with the Yxy color 68.1351, 0.3323, 0.3655.

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

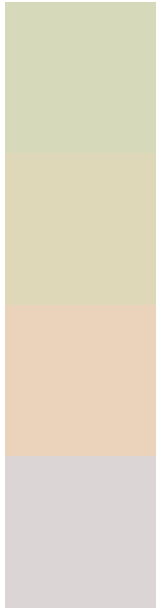




Tritanopia

68.1163, 0.3078, 0.3106

Trichromacy



Original Color

68.1351, 0.3323, 0.3655

Protanomaly

68.1441, 0.3387, 0.3638

Deuteranomaly

67.8386, 0.3484, 0.3552

Tritanomaly

67.9573, 0.3171, 0.3301

Monochromacy



Original Color

68.1351, 0.3323, 0.3655

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.2088, 0.3202, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1351, 0.3323, 0.3655 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, 218, 186)` looks like.

```
.text, #text, p{  
    color:rgb(215, 218, 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, 218, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 218, 186) }
```

Border

The CSS property to change the border of an element to Yxy 68.1351, 0.3323, 0.3655 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, 218, 186) }
```

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

```
.border{ border-color:rgb(215, 218, 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, 218, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 218, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 218, 186);  
box-shadow:4px 4px 4px 4px rgb(215, 218,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1351, 0.3323, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 218, 186) }
```

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

```
.background{ background-color: rgb(215,  
218, 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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