

Converting Colors

$Yxy(68.9874, 0.3365, 0.3697)$

Have a look what the booklet for
Yxy(68.9874, 0.3365, 0.3697)
contains.

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Color

Yxy(68.9874, 0.3365, 0.3697)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DADBB7 |
| RGB | 218, 219, 183 |
| RGB Percent | 85%, 86%, 72% |
| CMY | 0.1451, 0.1412, 0.2822 |
| CMYK | 0.00, 0.00, 0.16, 0.14 |
| HSL | 62°, 33%, 79% |
| HSV | 62°, 16%, 86% |
| XYZ | 62.7922, 68.9874, 54.8242 |
| YIQ | 214.5970, 10.9600, -11.4080 |

Conversions

Conversions Part 2

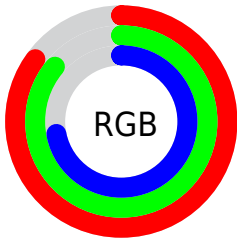
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 183, 219, 184 |
| Decimal | 14343095 |
| CIE Lab | 86.50, -6.33, 17.61 |
| CIE LCh | 86, 18.712, 109.772 |
| Yxy | 68.9874, 0.3365, 0.3697 |
| Android (android.graphics.Color) | 4292533175 (0xFFDADBB7) |
| YUV | 214.5970, -15.5773, 2.9844 |
| Hunter-Lab | 83.0587, -10.4070, 19.0058 |

Details

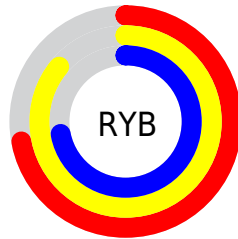
The Yxy color **68.9874, 0.3365, 0.3697** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1931, 0.2868, 0.2850**, and the grayscale version is **67.7722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **35.9492, 0.3422, 0.3796** is the 20% darker color. If you saturate the color by 10%, you get **68.0526, 0.3512, 0.3950**, and if you desaturate by 10%, it is **70.0706, 0.3219, 0.3447**.

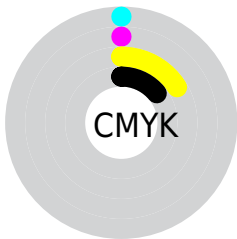
Distribution



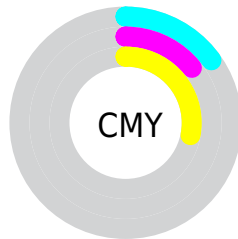
- Red (85%)
- Green (86%)
- Blue (72%)



- Red (72%)
- Yellow (86%)
- Blue (72%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9874, 0.3365, 0.3697 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 68.9874, 0.3365, 0.3697 by changing the saturation by 10% instead.


 68.9874, 0.3365,
0.3697

 68.9874, 0.3365,
0.3697


456.9865, 0.3255,
0.3505

 50.7014, 0.3390,
0.3742


 117.7636, 0.3327,
0.3629

 35.9711, 0.3420,
0.3798


149.0226, 0.3312,
0.3603

 24.4118, 0.3459,
0.3870


185.3748, 0.3300,
0.3581

 15.6394, 0.3508,
0.3964

227.2045, 0.3288,
0.3562

 9.2694, 0.3575,
0.4095

274.8961, 0.3279,
0.3545

 4.9173, 0.3667,
0.4287

328.8341, 0.3270,

 2.1988, 0.3809,

0.3530

0.4604

389.4027, 0.3262,
0.3516

0.7193, 0.4238,
0.5762

0.0000, 0.0000,
0.0000

68.9874, 0.3365,
0.3697

68.9874, 0.3365,
0.3697

68.0526, 0.3512,
0.3950

70.0706, 0.3219,
0.3447

67.2505, 0.3655,
0.4198

71.2990, 0.3077,
0.3205

66.5771, 0.3788,
0.4430

72.6817, 0.2943,
0.2976

66.0246, 0.3905,
0.4638


73.1754, 0.2909,
0.2914


 65.5846, 0.4002,
0.4811


 73.2726, 0.2913,
0.2915


 65.2475, 0.4073,
0.4944


 73.3702, 0.2917,
0.2915


 65.0019, 0.4119,
0.5033

 73.4682, 0.2921,
0.2916

 64.8338, 0.4139,
0.5080

 73.5665, 0.2925,
0.2916

 64.7835, 0.4144,
0.5092

 73.6651, 0.2929,
0.2916

Harmonies

Analogous

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



68.9874, 0.3529, 0.3630



68.9874, 0.3365, 0.3697



68.9874, 0.3141, 0.3648

Triad

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



68.9874, 0.3365, 0.3697



68.9874, 0.2692, 0.3077



68.9874, 0.3331, 0.3100

Complementary

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



68.9874, 0.3365, 0.3697



49.1931, 0.2868, 0.2850

Split Complementary

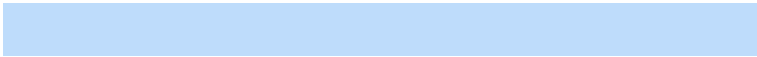
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.9874, 0.3100, 0.2964



68.9874, 0.3365, 0.3697



68.9874, 0.2737, 0.2945

Square

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



68.9874, 0.3365, 0.3697



68.9874, 0.2757, 0.3277



68.9874, 0.2884, 0.2907



68.9874, 0.3510, 0.3284

Rectangle

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



68.9874, 0.3365, 0.3697



68.9874, 0.2989, 0.3552



68.9874, 0.2884, 0.2907



68.9874, 0.3256, 0.3048

Sweetspot

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



68.9904, 0.3365, 0.3697



99.1374, 0.3199, 0.3413



52.6107, 0.3437, 0.3298



21.1945, 0.3209, 0.3430



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.



68.9904, 0.3365, 0.3697



96.8667, 0.3420, 0.3792



66.4243, 0.3233, 0.3714



15.2441, 0.3262, 0.3521



38.4195, 0.4144, 0.5091



2.4950, 0.4153, 0.5085

Inverse Universe

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



49.1931, 0.2868, 0.2850



63.4481, 0.2801, 0.2737



51.4998, 0.3006, 0.2867



12.6347, 0.2985, 0.3048



3.0643, 0.1509, 0.0605



0.2049, 0.1538, 0.0621

Previews

White Background



This preview shows how the Yxy color 68.9874, 0.3365, 0.3697 looks on a white background.

Color Contrast Check

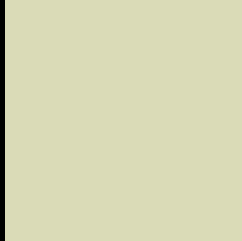
Large Text (above 18pt) WCAG AA × Fail

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 68.9874, 0.3365, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

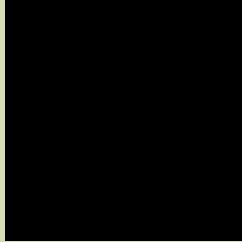
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

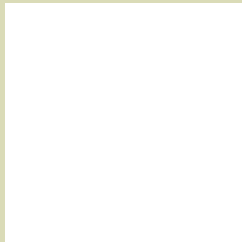
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.9874, 0.3365, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 68.9874, 0.3365, 0.3697.



This preview shows how white text looks on a background with the Yxy color 68.9874, 0.3365, 0.3697.

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



Original Color

68.9874, 0.3365, 0.3697

Protanopia

68.9419, 0.3462, 0.3678

Deuteranopia

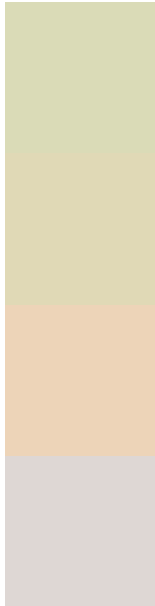
68.5710, 0.3609, 0.3534



Tritanopia

69.0929, 0.3099, 0.3118

Trichromacy



Original Color

68.9874, 0.3365, 0.3697

Protanomaly

68.8504, 0.3422, 0.3681

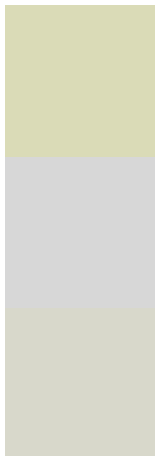
Deuteranomaly

68.5522, 0.3519, 0.3594

Tritanomaly

68.8839, 0.3199, 0.3323

Monochromacy



Original Color

68.9874, 0.3365, 0.3697

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.0225, 0.3216, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9874, 0.3365, 0.3697 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, 219, 183)` looks like.

```
.text, #text, p{  
    color:rgb(218, 219, 183)  
}
```

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, 219, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 219, 183) }
```

Border

The CSS property to change the border of an element to Yxy 68.9874, 0.3365, 0.3697 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, 219, 183) }
```

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

```
.border{ border-color:rgb(218, 219, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 219, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 219, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 219, 183);  
box-shadow:4px 4px 4px 4px rgb(218, 219,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9874, 0.3365, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 219, 183) }
```

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

```
.background{ background-color: rgb(218,  
219, 183) }
```

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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