

Converting Colors

$Yxy(68.9555, 0.3397, 0.3706)$

Have a look what the booklet for
Yxy(68.9555, 0.3397, 0.3706)
contains.

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Color

Yxy(68.8512, 0.3404, 0.3707)

Conversions

Conversions Part 1

Format	Color
Hex	DDDAB5
RGB	221, 218, 181
RGB Percent	87%, 85%, 71%
CMY	0.1334, 0.1450, 0.2903
CMYK	0.00, 0.01, 0.18, 0.13
HSL	56°, 37%, 79%
HSV	56°, 18%, 87%
XYZ	63.2235, 68.8512, 53.6582
YIQ	214.6790, 13.6650, -10.8710

Conversions

Conversions Part 2

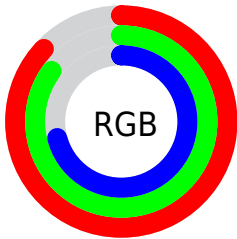
Format	Color
RYB	184, 221, 181
Decimal	14539445
CIELab	86.43, -5.04, 18.63
CIELCh	86, 19.300, 105.151
Yxy	68.8512, 0.3404, 0.3707
Android (android.graphics.Color)	4292729525 (0xFFDDDAB5)
YUV	214.6790, -16.6037, 5.5435
Hunter-Lab	82.9766, -9.2022, 19.7427

Details

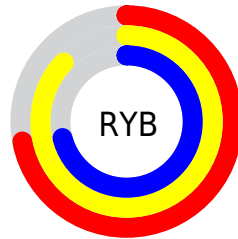
The Yxy color **68.8512, 0.3404, 0.3707** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.2952, 0.2832, 0.2836**, and the grayscale version is **67.8328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **35.8599, 0.3473, 0.3807** is the 20% darker color. If you saturate the color by 10%, you get **67.1728, 0.3563, 0.3942**, and if you desaturate by 10%, it is **70.6879, 0.3248, 0.3474**.

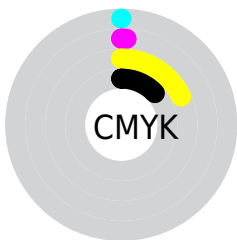
Distribution



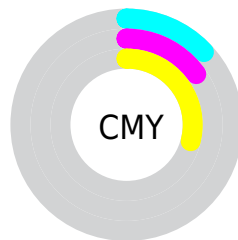
- Red (87%)
- Green (85%)
- Blue (71%)



- Red (72%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (18%)
- Black (13%)





- Cyan (13%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8512, 0.3404, 0.3707 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 68.8512, 0.3404, 0.3707 by changing the saturation by 10% instead.


 68.8512, 0.3404,
0.3707

 68.8512, 0.3404,
0.3707

456.5060, 0.3276,
0.3510

 50.5905, 0.3433,
0.3753


 117.5690, 0.3360,
0.3638

 35.8828, 0.3469,
0.3810


148.7950, 0.3342,
0.3611

 24.3437, 0.3514,
0.3882


185.1115, 0.3327,
0.3589

 15.5888, 0.3572,
0.3978

226.9029, 0.3315,
0.3569

 9.2336, 0.3651,
0.4110

274.5537, 0.3303,
0.3551

 4.8939, 0.3759,
0.4301

328.4482, 0.3293,

 2.1851, 0.3938,

0.3536

0.4626

388.9708, 0.3284,
0.3522

0.7119, 0.4374,
0.5626

0.0000, 0.0000,
0.0000

68.8512, 0.3404,
0.3707

68.8512, 0.3404,
0.3707

67.1728, 0.3563,
0.3942

70.6879, 0.3248,
0.3474

65.6369, 0.3721,
0.4171

72.6802, 0.3100,
0.3248

64.2391, 0.3871,
0.4385

74.8371, 0.2960,
0.3034

62.9714, 0.4008,
0.4575

76.2041, 0.2914,
0.2974

61.8249, 0.4126,
0.4729

77.0915, 0.2914,
0.2991

60.7896, 0.4219,
0.4843

77.9874, 0.2915,
0.3008

59.8535, 0.4284,
0.4912

78.8919, 0.2915,
0.3026

58.9996, 0.4324,
0.4940

79.8049, 0.2916,
0.3043

58.8421, 0.4331,
0.4943

80.7265, 0.2916,
0.3060

Harmonies

Analogous

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



68.8512, 0.3559, 0.3621



68.8512, 0.3404, 0.3707



68.8512, 0.3179, 0.3675

Triad

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



68.8512, 0.3404, 0.3707



68.8512, 0.2681, 0.3099



68.8512, 0.3302, 0.3068

Complementary

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



68.8512, 0.3404, 0.3707



49.2952, 0.2832, 0.2836

Split Complementary

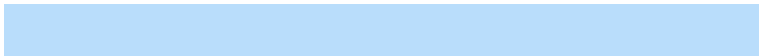
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.8512, 0.3062, 0.2939



68.8512, 0.3404, 0.3707



68.8512, 0.2710, 0.2949

Square

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



68.8512, 0.3404, 0.3707



68.8512, 0.2765, 0.3311



68.8512, 0.2847, 0.2895



68.8512, 0.3500, 0.3253

Rectangle

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



68.8512, 0.3404, 0.3707



68.8512, 0.3020, 0.3588



68.8512, 0.2847, 0.2895



68.8512, 0.3223, 0.3018

Sweetspot

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



68.8543, 0.3404, 0.3707



98.6045, 0.3202, 0.3404



51.8794, 0.3449, 0.3252



21.0644, 0.3213, 0.3420



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.



68.8543, 0.3404, 0.3707



94.2751, 0.3469, 0.3803



67.9181, 0.3273, 0.3757



15.0901, 0.3269, 0.3504



34.2628, 0.4328, 0.4945



2.2700, 0.4304, 0.4965

Inverse Universe

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



49.2952, 0.2832, 0.2836



62.0873, 0.2757, 0.2719



50.2136, 0.2959, 0.2817



12.7714, 0.2981, 0.3066



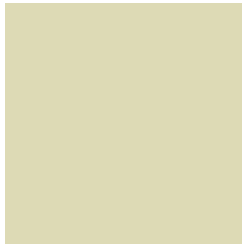
3.3167, 0.1514, 0.0650



0.2703, 0.1554, 0.0796

Previews

White Background



This preview shows how the Yxy color 68.8512, 0.3404, 0.3707 looks on a white background.

Color Contrast Check

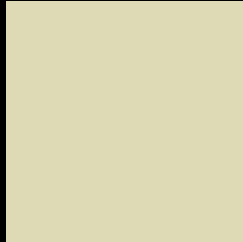
Large Text (above 18pt) WCAG AA × Fail

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 68.8512, 0.3404, 0.3707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

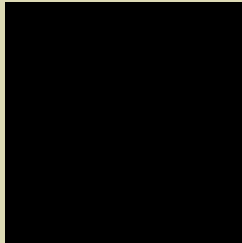
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

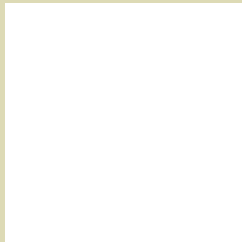
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8512, 0.3404, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 68.8512, 0.3404, 0.3707.



This preview shows how white text looks on a background with the Yxy color 68.8512, 0.3404, 0.3707.

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

68.8512, 0.3404, 0.3707

Protanopia

68.9010, 0.3469, 0.3689

Deuteranopia

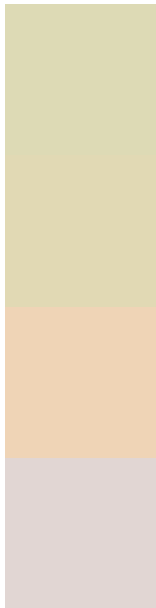
68.6704, 0.3632, 0.3554



Tritanopia

68.5209, 0.3128, 0.3108

Trichromacy



Original Color

68.8512, 0.3404, 0.3707

Protanomaly

68.9285, 0.3444, 0.3703

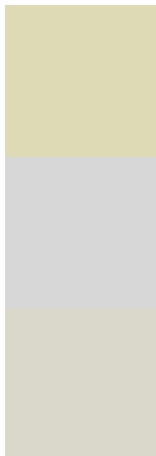
Deuteranomaly

68.8151, 0.3550, 0.3615

Tritanomaly

68.8038, 0.3229, 0.3323

Monochromacy



Original Color

68.8512, 0.3404, 0.3707

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.1752, 0.3223, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8512, 0.3404, 0.3707 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(221, 218, 181)` looks like.

```
.text, #text, p{  
    color:rgb(221, 218, 181)  
}
```

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(221, 218, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 218, 181) }
```

Border

The CSS property to change the border of an element to Yxy 68.8512, 0.3404, 0.3707 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(221, 218, 181) }
```

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

```
.border{ border-color:rgb(221, 218, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 218, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 218, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 218, 181);  
box-shadow:4px 4px 4px 4px rgb(221, 218,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8512, 0.3404, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 218, 181) }
```

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

```
.background{ background-color: rgb(221,  
218, 181) }
```

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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