

Converting Colors

Yxy(69.0438, 0.3415, 0.3703)

Have a look what the booklet for
Yxy(69.0438, 0.3415, 0.3703)
contains.

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Color

Yxy(69.0086, 0.3412, 0.3706)

Conversions

Conversions Part 1

Format	Color
Hex	DEDAB5
RGB	222, 218, 181
RGB Percent	87%, 85%, 71%
CMY	0.1294, 0.1451, 0.2904
CMYK	0.00, 0.02, 0.18, 0.13
HSL	54°, 38%, 79%
HSV	54°, 18%, 87%
XYZ	63.5341, 69.0086, 53.6651
YIQ	214.9780, 14.2610, -10.6590

Conversions

Conversions Part 2

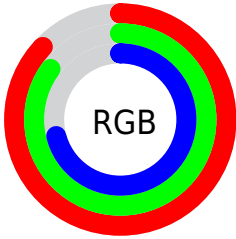
Format	Color
RYB	185, 222, 181
Decimal	14604981
CIELab	86.51, -4.67, 18.76
CIELCh	87, 19.328, 103.972
Yxy	69.0086, 0.3412, 0.3706
Android (android.graphics.Color)	4292795061 (0xFFDEDAB5)
YUV	214.9780, -16.7512, 6.1583
Hunter-Lab	83.0714, -8.8559, 19.8480

Details

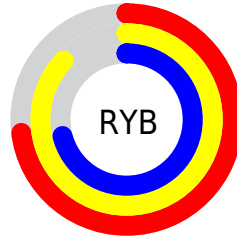
The Yxy color **69.0086, 0.3412, 0.3706** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.7745, 0.2825, 0.2837**, and the grayscale version is **68.0481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **35.9684, 0.3484, 0.3805** is the 20% darker color. If you saturate the color by 10%, you get **67.0572, 0.3574, 0.3936**, and if you desaturate by 10%, it is **71.1260, 0.3255, 0.3478**.

Distribution



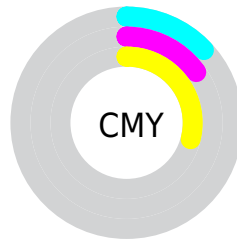
- Red (87%)
- Green (85%)
- Blue (71%)



- Red (73%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (18%)
- Black (13%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0086, 0.3412, 0.3706 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 69.0086, 0.3412, 0.3706 by changing the saturation by 10% instead.

 69.0086, 0.3412,
0.3706

 69.0086, 0.3412,
0.3706


457.0613, 0.3280,
0.3510

 50.7187, 0.3442,
0.3752

 117.7939, 0.3366,
0.3637

 35.9848, 0.3479,
0.3808


149.0580, 0.3349,
0.3611

 24.4225, 0.3525,
0.3880


185.4157, 0.3333,
0.3588

 15.6473, 0.3586,
0.3975

227.2514, 0.3320,
0.3568

 9.2749, 0.3666,
0.4106

274.9494, 0.3308,
0.3551

 4.9209, 0.3778,
0.4295

328.8941, 0.3298,

 2.2009, 0.3962,

0.3536

0.4615

389.4699, 0.3288,
0.3522

0.7205, 0.4421,
0.5579

0.0000, 0.0000,
0.0000

69.0086, 0.3412,
0.3706

69.0086, 0.3412,
0.3706

67.0572, 0.3574,
0.3936

71.1260, 0.3255,
0.3478

65.2556, 0.3735,
0.4161

73.4067, 0.3105,
0.3257

63.5995, 0.3890,
0.4370

75.8598, 0.2965,
0.3048

62.0807, 0.4032,
0.4555

77.5033, 0.2921,
0.2997

60.6901, 0.4156,
0.4706

78.6919, 0.2922,
0.3019

59.4175, 0.4254,
0.4816

79.8954, 0.2922,
0.3042

58.2506, 0.4326,
0.4880

81.1138, 0.2923,
0.3065

57.1715, 0.4371,
0.4904

82.3473, 0.2924,
0.3087

57.0122, 0.4377,
0.4906

83.5959, 0.2924,
0.3110

Harmonies

Analogous

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



69.0086, 0.3563, 0.3616



69.0086, 0.3412, 0.3706



69.0086, 0.3188, 0.3679

Triad

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



69.0086, 0.3412, 0.3706



69.0086, 0.2682, 0.3106



69.0086, 0.3293, 0.3062

Complementary

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



69.0086, 0.3412, 0.3706



49.7745, 0.2825, 0.2837

Split Complementary

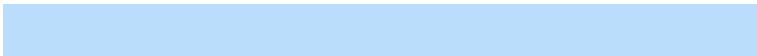
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.0086, 0.3052, 0.2936



69.0086, 0.3412, 0.3706



69.0086, 0.2707, 0.2953

Square

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



69.0086, 0.3412, 0.3706



69.0086, 0.2771, 0.3320



69.0086, 0.2840, 0.2895



69.0086, 0.3494, 0.3245

Rectangle

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



69.0086, 0.3412, 0.3706



69.0086, 0.3029, 0.3594



69.0086, 0.2840, 0.2895



69.0086, 0.3214, 0.3012

Sweetspot

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



69.0117, 0.3412, 0.3706



98.1059, 0.3217, 0.3423



52.0678, 0.3451, 0.3243



20.9557, 0.3227, 0.3438



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.



69.0117, 0.3412, 0.3706



93.4604, 0.3471, 0.3791



68.6437, 0.3281, 0.3767



15.7892, 0.3270, 0.3500



33.9533, 0.4374, 0.4909



2.4206, 0.4343, 0.4934

Inverse Universe

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



49.7745, 0.2825, 0.2837



62.7087, 0.2758, 0.2734



50.2274, 0.2950, 0.2805



13.4570, 0.2981, 0.3071



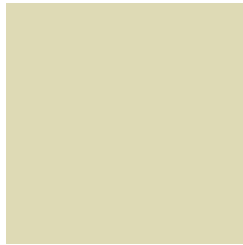
3.5380, 0.1519, 0.0669



0.3196, 0.1568, 0.0843

Previews

White Background



This preview shows how the Yxy color 69.0086, 0.3412, 0.3706 looks on a white background.

Color Contrast Check

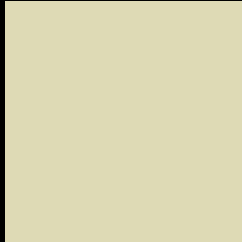
Large Text (above 18pt) WCAG AA × Fail

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 69.0086, 0.3412, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

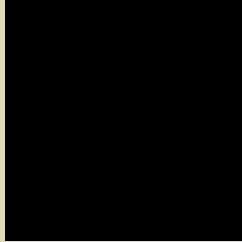
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

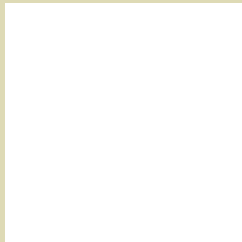
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0086, 0.3412, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 69.0086, 0.3412, 0.3706.



This preview shows how white text looks on a background with the Yxy color 69.0086, 0.3412, 0.3706.

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

69.0086, 0.3412, 0.3706

Protanopia

69.0650, 0.3477, 0.3688

Deuteranopia

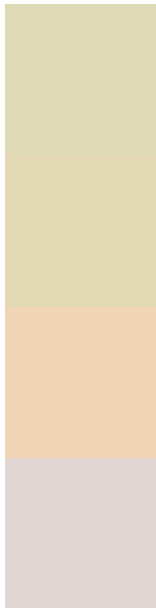
68.6704, 0.3632, 0.3554



Tritanopia

68.6839, 0.3136, 0.3108

Trichromacy



Original Color

69.0086, 0.3412, 0.3706

Protanomaly

69.0897, 0.3452, 0.3702

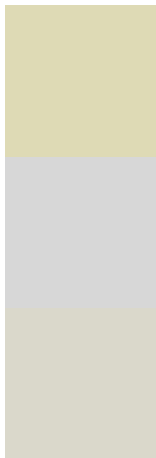
Deuteranomaly

68.8151, 0.3550, 0.3615

Tritanomaly

68.9650, 0.3237, 0.3323

Monochromacy



Original Color

69.0086, 0.3412, 0.3706

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.3290, 0.3231, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0086, 0.3412, 0.3706 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(222, 218, 181)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 218, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 218, 181) }
```

Border

The CSS property to change the border of an element to Yxy 69.0086, 0.3412, 0.3706 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(222, 218, 181) }
```

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

```
.border{ border-color:rgb(222, 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(222, 218, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 218, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 218, 181);  
box-shadow:4px 4px 4px 4px rgb(222, 218,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0086, 0.3412, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 218, 181) }
```

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

```
.background{ background-color: rgb(222,  
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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