

Converting Colors

$Yxy(68.3202, 0.3406, 0.3417)$

Have a look what the booklet for
Yxy(68.3202, 0.3406, 0.3417)
contains.

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Color

Yxy(68.5449, 0.3403, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	ECD3C7
RGB	236, 211, 199
RGB Percent	93%, 83%, 78%
CMY	0.0744, 0.1726, 0.2196
CMYK	0.00, 0.11, 0.16, 0.07
HSL	19°, 49%, 85%
HSV	19°, 16%, 93%
XYZ	68.2042, 68.5449, 63.6746
YIQ	217.1070, 18.7520, 1.5680

Conversions

Conversions Part 2

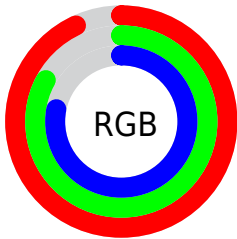
Format	Color
R_{YB}	236, 217, 199
Decimal	15520711
CIE _{Lab}	86.28, 6.78, 9.09
CIE _{LCh}	86, 11.344, 53.270
Y _{xy}	68.5449, 0.3403, 0.3420
Android (android.graphics.Color)	4293710791 (0xFFECD3C7)
Y _{UV}	217.1070, -8.9268, 16.5692
Hunter-Lab	82.7918, 2.1631, 12.3548

Details

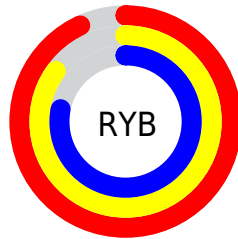
The Yxy color **68.5449, 0.3403, 0.3420** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.5409, 0.2884, 0.3156**, and the grayscale version is **69.5224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5246, 0.3474, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **59.9931, 0.3620, 0.3509**, and if you desaturate by 10%, it is **78.0607, 0.3219, 0.3336**.

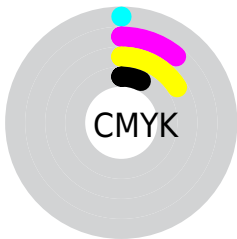
Distribution



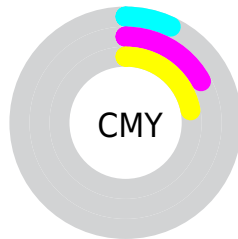
- Red (93%)
- Green (83%)
- Blue (78%)



- Red (93%)
- Yellow (85%)
- Blue (78%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (7%)





- Cyan (7%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5449, 0.3403, 0.3420 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 68.5449, 0.3403, 0.3420 by changing the saturation by 10% instead.


 68.5449, 0.3403,
0.3420

 68.5449, 0.3403,
0.3420


455.4242, 0.3273,
0.3361

 50.3412, 0.3433,
0.3433


117.1313, 0.3358,
0.3400

 35.6846, 0.3471,
0.3450


148.2828, 0.3340,
0.3392

 24.1907, 0.3519,
0.3471


184.5190, 0.3325,
0.3385

 15.4751, 0.3583,
0.3497

226.2243, 0.3312,
0.3379

 9.1535, 0.3671,
0.3533

273.7830, 0.3300,
0.3373

 4.8414, 0.3801,
0.3583

327.5797, 0.3290,

 2.1545, 0.4010,

0.3369

0.3658

387.9986, 0.3281,
0.3364

0.6950, 0.5031,
0.4232

0.0000, 0.0000,
0.0000

68.5449, 0.3403,
0.3420

68.5449, 0.3403,
0.3420

59.9931, 0.3620,
0.3509

78.0607, 0.3219,
0.3336

52.3654, 0.3875,
0.3599

88.5605, 0.3063,
0.3257

45.6325, 0.4169,
0.3685

96.5786, 0.3012,
0.3290

39.7601, 0.4499,
0.3759

■ 34.7114, 0.4855,
0.3811

■ 30.4468, 0.5217,
0.3827

■ 26.9227, 0.5552,
0.3796

■ 24.0902, 0.5828,
0.3717

■ 23.0615, 0.5929,
0.3674

Harmonies

Analogous

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



68.5449, 0.3368, 0.3303



68.5449, 0.3403, 0.3420



68.5449, 0.3363, 0.3506

Triad

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



68.5449, 0.3403, 0.3420



68.5449, 0.2987, 0.3397



68.5449, 0.2993, 0.3055

Complementary

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



68.5449, 0.3403, 0.3420



71.5409, 0.2884, 0.3156

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.



68.5449, 0.2895, 0.3074



68.5449, 0.3403, 0.3420



68.5449, 0.2892, 0.3269

Square

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



68.5449, 0.3403, 0.3420



68.5449, 0.3121, 0.3496



68.5449, 0.2859, 0.3151



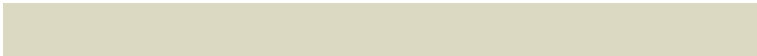
68.5449, 0.3129, 0.3096

Rectangle

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



68.5449, 0.3403, 0.3420



68.5449, 0.3299, 0.3533



68.5449, 0.2859, 0.3151



68.5449, 0.2955, 0.3055

Sweetspot

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



68.5480, 0.3403, 0.3420



93.8266, 0.3208, 0.3330



64.0894, 0.3231, 0.3021



19.9022, 0.3219, 0.3336



0.0000, 0.0000, 0.0000



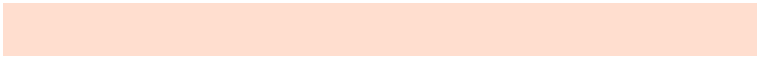
21.4041, 0.3127, 0.3290

Same Dimension

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



68.5480, 0.3403, 0.3420



78.1081, 0.3473, 0.3450



78.1377, 0.3373, 0.3611



15.8500, 0.3285, 0.3367



12.9163, 0.5900, 0.3697



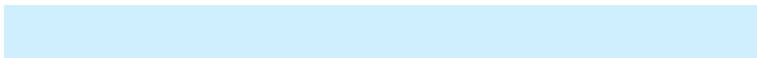
1.1831, 0.5630, 0.3912

Inverse Universe

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



71.5409, 0.2884, 0.3156



82.3410, 0.2831, 0.3125



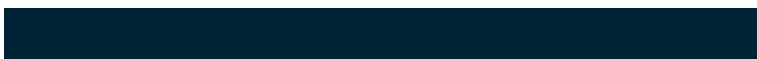
62.2476, 0.2876, 0.2948



16.2523, 0.2981, 0.3212



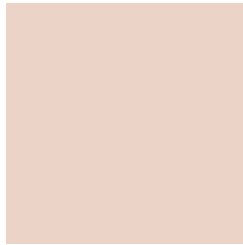
17.3693, 0.1944, 0.2198



1.5372, 0.1991, 0.2367

Previews

White Background



This preview shows how the Yxy color 68.5449, 0.3403, 0.3420 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 68.5449, 0.3403, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

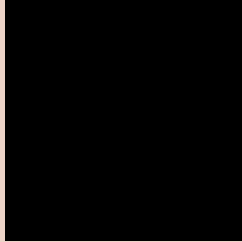
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.5449, 0.3403, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 68.5449, 0.3403, 0.3420.



This preview shows how white text looks on a background with the Yxy color 68.5449, 0.3403, 0.3420.

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

68.5449, 0.3403, 0.3420

Protanopia

68.5059, 0.3283, 0.3446

Deuteranopia

68.3366, 0.3455, 0.3376



Tritanopia

68.3582, 0.3249, 0.3112

Trichromacy



Original Color

68.5449, 0.3403, 0.3420

Protanomaly

68.7572, 0.3329, 0.3444

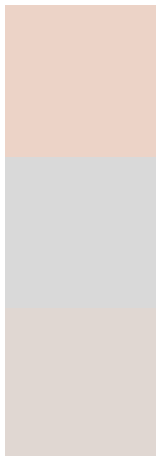
Deuteranomaly

68.2963, 0.3430, 0.3387

Tritanomaly

68.1952, 0.3305, 0.3216

Monochromacy



Original Color

68.5449, 0.3403, 0.3420

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.1013, 0.3228, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5449, 0.3403, 0.3420 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(236, 211, 199)` looks like.

```
.text, #text, p{  
    color:rgb(236, 211, 199)  
}
```

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(236, 211, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 211, 199) }
```

Border

The CSS property to change the border of an element to Yxy 68.5449, 0.3403, 0.3420 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(236, 211, 199) }
```

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

```
.border{ border-color:rgb(236, 211, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 211, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 211, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 211, 199);  
box-shadow:4px 4px 4px 4px rgb(236, 211,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5449, 0.3403, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 211, 199) }
```

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

```
.background{ background-color: rgb(236,  
211, 199) }
```

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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