

Converting Colors

Yxy(84.8616, 0.3642, 0.3949)

Have a look what the booklet for
Yxy(84.8616, 0.3642, 0.3949)
contains.

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Color

Yxy(84.8616, 0.3642, 0.3949)

Conversions

Conversions Part 1

Format	Color
Hex	FCEEAD
RGB	252, 238, 173
RGB Percent	99%, 93%, 68%
CMY	0.0117, 0.0667, 0.3217
CMYK	0.00, 0.06, 0.31, 0.01
HSL	49°, 93%, 83%
HSV	49°, 31%, 99%
XYZ	78.2644, 84.8616, 51.7679
YIQ	234.7760, 29.2090, -17.2470

Conversions

Conversions Part 2

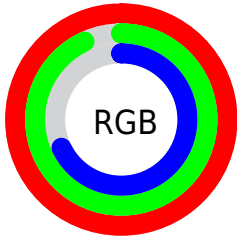
Format	Color
RYB	190, 252, 173
Decimal	16576173
CIELab	93.82, -4.73, 33.25
CIELCh	94, 33.588, 98.097
Yxy	84.8616, 0.3642, 0.3949
Android (android.graphics.Color)	4294766253 (0xFFFC EEAD)
YUV	234.7760, -30.4556, 15.1054
Hunter-Lab	92.1204, -9.5591, 31.1657

Details

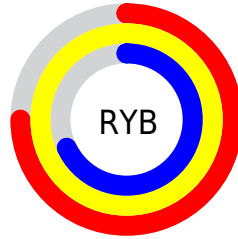
The Yxy color **84.8616, 0.3642, 0.3949** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.4398, 0.2586, 0.2531**, and the grayscale version is **83.1196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **46.2813, 0.3745, 0.4091** is the 20% darker color. If you saturate the color by 10%, you get **81.4105, 0.3817, 0.4156**, and if you desaturate by 10%, it is **88.5690, 0.3469, 0.3735**.

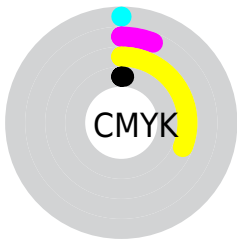
Distribution



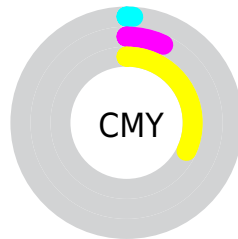
- Red (99%)
- Green (93%)
- Blue (68%)



- Red (75%)
- Yellow (99%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (31%)
- Black (1%)





- Cyan (1%)
- Magenta (7%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.8616, 0.3642, 0.3949 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 84.8616, 0.3642, 0.3949 by changing the saturation by 10% instead.

 84.8616, 0.3642,
0.3949

 84.8616, 0.3642,
0.3949


511.1700, 0.3415,
0.3652

 63.7270, 0.3691,
0.4014


 140.1798, 0.3566,
0.3848

 46.4296, 0.3749,
0.4093


175.1322, 0.3535,
0.3808

 32.5850, 0.3820,
0.4190


215.4594, 0.3509,
0.3774

 21.8087, 0.3908,
0.4312

261.5456, 0.3485,
0.3743

 13.7164, 0.4018,
0.4469

313.7755, 0.3465,
0.3717

 7.9237, 0.4155,
0.4674

372.5332, 0.3446,

 4.0462, 0.4350,

0.3693

0.4977

438.2032, 0.3430,
0.3672

■ 1.6994, 0.4593,
0.5407

■ 0.4233, 0.4039,
0.5961

■ 84.8616, 0.3642,
0.3949

■ 84.8616, 0.3642,
0.3949

■ 81.4105, 0.3817,
0.4156

■ 88.5690, 0.3469,
0.3735

■ 78.1933, 0.3989,
0.4348

■ 92.5312, 0.3303,
0.3523

■ 75.2019, 0.4150,
0.4514

■ 96.7613, 0.3148,
0.3317

■ 72.4233, 0.4292,
0.4643

■ 99.4393, 0.3109,
0.3290

■ 69.8421, 0.4410,
0.4728

■ 67.4403, 0.4498,
0.4767

■ 65.4881, 0.4553,
0.4767

Harmonies

Analogous

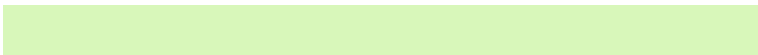
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8616, 0.3860, 0.3755



84.8616, 0.3642, 0.3949



84.8616, 0.3292, 0.3961

Triad

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



84.8616, 0.3642, 0.3949



84.8616, 0.2434, 0.3042



84.8616, 0.3316, 0.2882

Complementary

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



84.8616, 0.3642, 0.3949



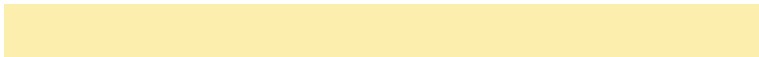
51.4398, 0.2586, 0.2531

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.



84.8616, 0.2927, 0.2708



84.8616, 0.3642, 0.3949



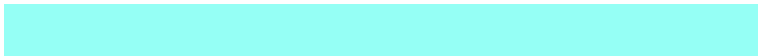
84.8616, 0.2438, 0.2780

Square

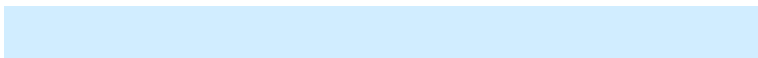
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.8616, 0.3642, 0.3949



84.8616, 0.2602, 0.3406



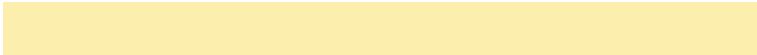
84.8616, 0.2612, 0.2668



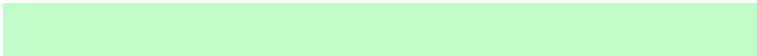
84.8616, 0.3671, 0.3150

Rectangle

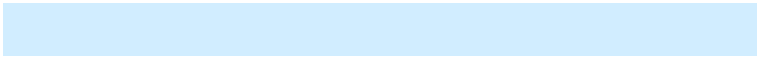
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.8616, 0.3642, 0.3949



84.8616, 0.3035, 0.3847



84.8616, 0.2612, 0.2668



84.8616, 0.3184, 0.2811

Sweetspot

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



84.8655, 0.3642, 0.3949



96.0402, 0.3266, 0.3474



54.1779, 0.3713, 0.3138



20.4241, 0.3289, 0.3504



0.0000, 0.0000, 0.0000



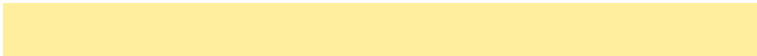
21.4041, 0.3127, 0.3290

Same Dimension

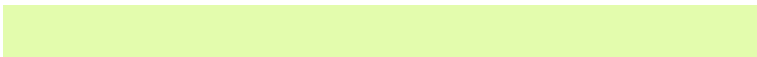
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8655, 0.3642, 0.3949



84.7759, 0.3759, 0.4088



88.9777, 0.3431, 0.4123



19.6364, 0.3273, 0.3484



34.3040, 0.4546, 0.4773



3.3096, 0.4496, 0.4812

Inverse Universe

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



51.4398, 0.2586, 0.2531



45.2686, 0.2456, 0.2337



48.9059, 0.2744, 0.2405



17.1405, 0.2979, 0.3089



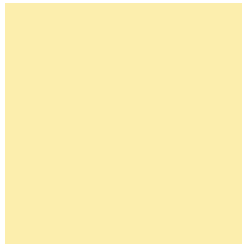
4.7744, 0.1544, 0.0759



0.5750, 0.1598, 0.0951

Previews

White Background



This preview shows how the Yxy color 84.8616, 0.3642, 0.3949 looks on a white background.

Color Contrast Check

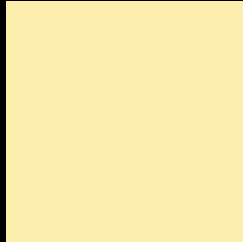
Large Text (above 18pt) WCAG AA × Fail

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 84.8616, 0.3642, 0.3949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

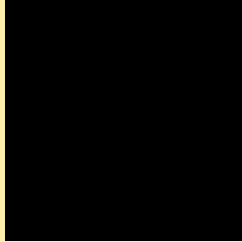
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.8616, 0.3642, 0.3949

Background



This preview shows how black text looks on a background with the Yxy color 84.8616, 0.3642, 0.3949.



This preview shows how white text looks on a background with the Yxy color 84.8616, 0.3642, 0.3949.

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

84.8616, 0.3642, 0.3949

Protanopia

84.8455, 0.3666, 0.3934

Deuteranopia

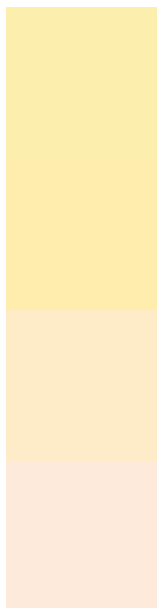
85.0635, 0.3388, 0.3470



Tritanopia

84.9435, 0.3208, 0.3163

Trichromacy



Original Color

84.8616, 0.3642, 0.3949

Protanomaly

84.6563, 0.3659, 0.3936

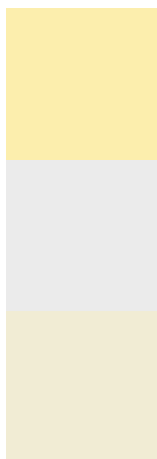
Deuteranomaly

84.6576, 0.3486, 0.3643

Tritanomaly

84.9784, 0.3368, 0.3450

Monochromacy



Original Color

84.8616, 0.3642, 0.3949

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.4451, 0.3313, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.8616, 0.3642, 0.3949 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(252, 238, 173)` looks like.

```
.text, #text, p{  
    color:rgb(252, 238, 173)  
}
```

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(252, 238, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 238, 173) }
```

Border

The CSS property to change the border of an element to Yxy 84.8616, 0.3642, 0.3949 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(252, 238, 173) }
```

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

```
.border{ border-color:rgb(252, 238, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 238, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 238, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 238, 173);  
box-shadow:4px 4px 4px 4px rgb(252, 238,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 84.8616, 0.3642, 0.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 238, 173) }
```

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

```
.background{ background-color: rgb(252,  
238, 173) }
```

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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