

Converting Colors

$Y_{xy}(84.5222, 0.3334, 0.3431)$

Have a look what the booklet for
Yxy(84.5222, 0.3334, 0.3431)
contains.

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Color

Yxy(84.5222, 0.3334, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	FBEADC
RGB	251, 234, 220
RGB Percent	98%, 92%, 86%
CMY	0.0156, 0.0824, 0.1373
CMYK	0.00, 0.07, 0.12, 0.02
HSL	27°, 80%, 92%
HSV	27°, 12%, 98%
XYZ	82.1326, 84.5222, 79.6938
YIQ	237.4870, 14.6260, -0.7500

Conversions

Conversions Part 2

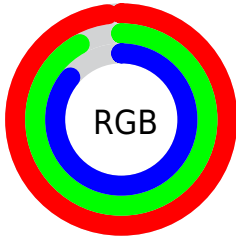
Format	Color
RYB	251, 246, 220
Decimal	16509660
CIELab	93.68, 3.50, 8.86
CIELCh	94, 9.524, 68.448
Yxy	84.5222, 0.3334, 0.3431
Android (android.graphics.Color)	4294699740 (0xFFFBEADC)
YUV	237.4870, -8.6211, 11.8509
Hunter-Lab	91.9360, -1.4218, 12.9602

Details

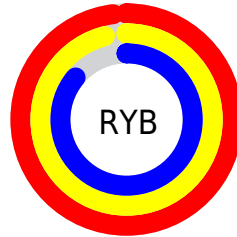
The Yxy color **84.5222, 0.3334, 0.3431** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.7705, 0.2934, 0.3145**, and the grayscale version is **85.1473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.0267, 0.3378, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **75.7505, 0.3530, 0.3552**, and if you desaturate by 10%, it is **94.1114, 0.3164, 0.3316**.

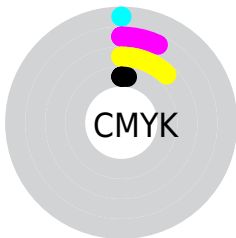
Distribution



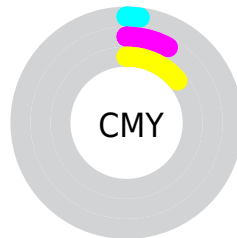
- Red (98%)
- Green (92%)
- Blue (86%)



- Red (98%)
- Yellow (96%)
- Blue (86%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.5222, 0.3334, 0.3431 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 84.5222, 0.3334, 0.3431 by changing the saturation by 10% instead.

 84.5222, 0.3334,
0.3431

 84.5222, 0.3334,
0.3431

510.0457, 0.3240,
0.3368

 63.4467, 0.3355,
0.3445


139.7054, 0.3302,
0.3410

 46.2027, 0.3380,
0.3462


174.5819, 0.3289,
0.3401

 32.4058, 0.3412,
0.3483


214.8275, 0.3278,
0.3394

 21.6716, 0.3454,
0.3510

260.8266, 0.3269,
0.3387

 13.6158, 0.3509,
0.3545

312.9635, 0.3261,
0.3382

 7.8539, 0.3586,
0.3594

371.6228, 0.3253,

 4.0016, 0.3702,

0.3377

0.3665

437.1887, 0.3246,
0.3372

■ 1.6745, 0.3895,
0.3779

■ 0.4070, 0.5371,
0.4629

■ 84.5222, 0.3334,
0.3431

■ 84.5222, 0.3334,
0.3431

■ 75.7505, 0.3530,
0.3552

■ 94.1114, 0.3164,
0.3316

■ 67.7624, 0.3755,
0.3676

■ 99.2551, 0.3103,
0.3290

■ 60.5378, 0.4007,
0.3798

■ 54.0516, 0.4286,
0.3910

■ 48.2767, 0.4583,
0.4000

■ 43.1844, 0.4884,
0.4056

■ 38.7429, 0.5170,
0.4065

■ 34.9167, 0.5420,
0.4019

■ 32.3767, 0.5580,
0.3951

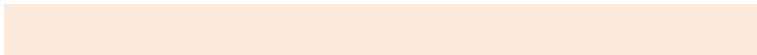
Harmonies

Analogous

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



84.5222, 0.3336, 0.3349



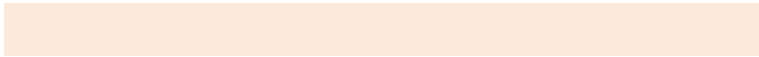
84.5222, 0.3334, 0.3431



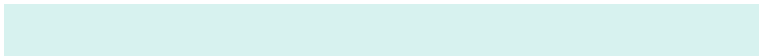
84.5222, 0.3275, 0.3477

Triad

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



84.5222, 0.3334, 0.3431



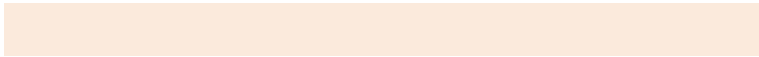
84.5222, 0.2975, 0.3325



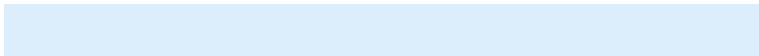
84.5222, 0.3074, 0.3116

Complementary

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



84.5222, 0.3334, 0.3431



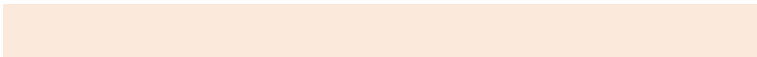
82.7705, 0.2934, 0.3145

Split Complementary

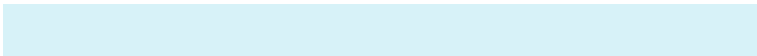
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5222, 0.2979, 0.3107



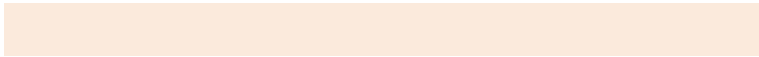
84.5222, 0.3334, 0.3431



84.5222, 0.2923, 0.3225

Square

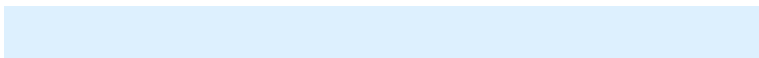
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.5222, 0.3334, 0.3431



84.5222, 0.3068, 0.3416



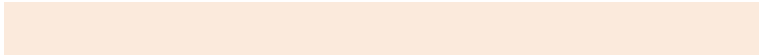
84.5222, 0.2924, 0.3146



84.5222, 0.3185, 0.3169

Rectangle

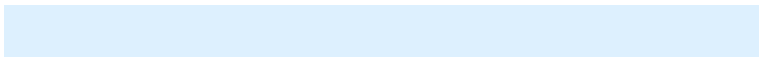
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.5222, 0.3334, 0.3431



84.5222, 0.3213, 0.3480



84.5222, 0.2924, 0.3146



84.5222, 0.3039, 0.3107

Sweetspot

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



84.5259, 0.3334, 0.3431



95.8398, 0.3190, 0.3334



77.8193, 0.3235, 0.3120



20.3495, 0.3202, 0.3343



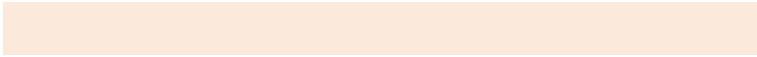
0.0000, 0.0000, 0.0000



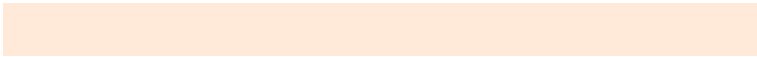
21.4041, 0.3127, 0.3290

Same Dimension

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



84.5259, 0.3334, 0.3431



85.1041, 0.3383, 0.3463



93.7307, 0.3314, 0.3582



18.5145, 0.3283, 0.3397



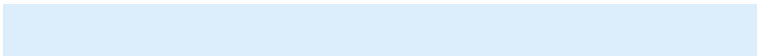
17.2956, 0.5552, 0.3973



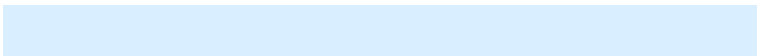
1.8103, 0.5350, 0.4134

Inverse Universe

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



82.7705, 0.2934, 0.3145



82.9353, 0.2892, 0.3111



74.1866, 0.2930, 0.2981



18.2226, 0.2980, 0.3180



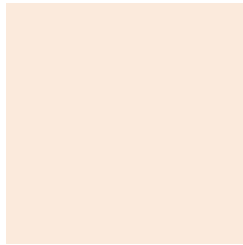
13.4784, 0.1817, 0.1742



1.4601, 0.1873, 0.1942

Previews

White Background



This preview shows how the Yxy color 84.5222, 0.3334, 0.3431 looks on a white background.

Color Contrast Check

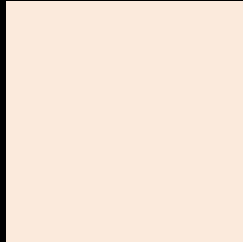
Large Text (above 18pt) WCAG AA × Fail

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 84.5222, 0.3334, 0.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

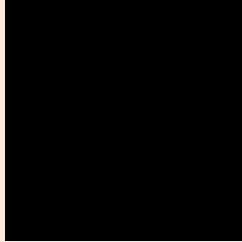
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.5222, 0.3334, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 84.5222, 0.3334, 0.3431.

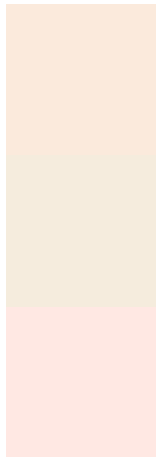


This preview shows how white text looks on a background with the Yxy color 84.5222, 0.3334, 0.3431.

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

84.5222, 0.3334, 0.3431

Protanopia

84.6238, 0.3283, 0.3443

Deuteranopia

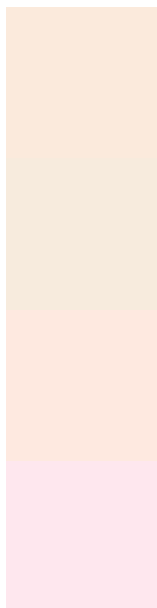
84.5193, 0.3318, 0.3340



Tritanopia

84.6309, 0.3183, 0.3115

Trichromacy



Original Color

84.5222, 0.3334, 0.3431

Protanomaly

84.4113, 0.3298, 0.3432

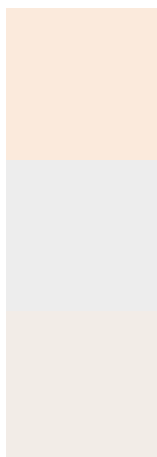
Deuteranomaly

84.7305, 0.3330, 0.3380

Tritanomaly

84.3957, 0.3240, 0.3221

Monochromacy



Original Color

84.5222, 0.3334, 0.3431

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.6377, 0.3199, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.5222, 0.3334, 0.3431 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(251, 234, 220)` looks like.

```
.text, #text, p{  
    color:rgb(251, 234, 220)  
}
```

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(251, 234, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 234, 220) }
```

Border

The CSS property to change the border of an element to Yxy 84.5222, 0.3334, 0.3431 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(251, 234, 220) }
```

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

```
.border{ border-color:rgb(251, 234, 220) }
```

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

Here you see how a box with a 4 pixel rgb(251, 234, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 234, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 234, 220);  
box-shadow:4px 4px 4px 4px rgb(251, 234,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 84.5222, 0.3334, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 234, 220) }
```

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

```
.background{ background-color: rgb(251,  
234, 220) }
```

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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