

Converting Colors

Yxy(84.1663, 0.3410, 0.3557)

Have a look what the booklet for
Yxy(84.1663, 0.3410, 0.3557)
contains.

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Color

Yxy(84.4800, 0.3411, 0.3563)

Conversions

Conversions Part 1

Format	Color
Hex	FBEBD0
RGB	251, 235, 208
RGB Percent	98%, 92%, 82%
CMY	0.0158, 0.0784, 0.1841
CMYK	0.00, 0.06, 0.17, 0.02
HSL	38°, 84%, 90%
HSV	38°, 17%, 98%
XYZ	80.8760, 84.4800, 71.7475
YIQ	236.7060, 18.2030, -5.0050

Conversions

Conversions Part 2

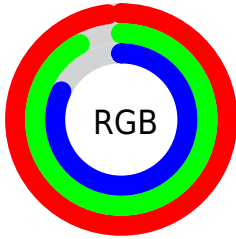
Format	Color
R _Y B	233, 251, 208
Decimal	16509904
CIE Lab	93.66, 1.14, 15.03
CIE LCh	94, 15.071, 85.677
Yxy	84.4800, 0.3411, 0.3563
Android (android.graphics.Color)	4294699984 (0xFFFFBEBD0)
YUV	236.7060, -14.1521, 12.5358
Hunter-Lab	91.9130, -3.7822, 18.0572

Details

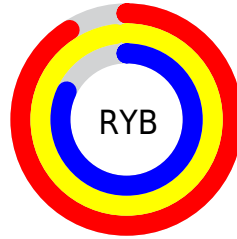
The Yxy color $84.4800, 0.3411, 0.3563$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $73.7014, 0.2854, 0.3001$, and the grayscale version is $84.5534, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $46.0426, 0.3470, 0.3615$ is the 20% darker color. If you saturate the color by 10%, you get $78.1372, 0.3601, 0.3731$, and if you desaturate by 10%, it is $91.3064, 0.3239, 0.3401$.

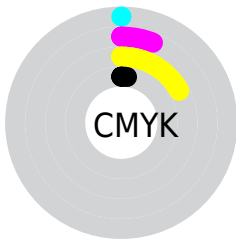
Distribution



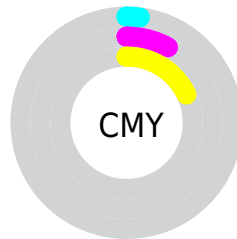
- Red (98%)
- Green (92%)
- Blue (82%)



- Red (91%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (2%)





- Cyan (2%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.4800, 0.3411, 0.3563 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 84.4800, 0.3411, 0.3563 by changing the saturation by 10% instead.

 84.4800, 0.3411,
0.3563

 84.4800, 0.3411,
0.3563


509.9058, 0.3283,
0.3440

 63.4118, 0.3439,
0.3590


139.6464, 0.3367,
0.3521

 46.1744, 0.3474,
0.3623

174.5135, 0.3350,
0.3505

 32.3835, 0.3517,
0.3664

214.7489, 0.3335,
0.3490

 21.6546, 0.3573,
0.3717

260.7371, 0.3322,
0.3478

 13.6033, 0.3647,
0.3786

312.8625, 0.3311,
0.3467

 7.8453, 0.3749,
0.3882

371.5095, 0.3300,

 3.9961, 0.3899,

0.3457

0.4021

437.0625, 0.3291,
0.3448

■ 1.6714, 0.4185,
0.4287

■ 0.4050, 0.5047,
0.4953

■ 84.4800, 0.3411,
0.3563

■ 84.4800, 0.3411,
0.3563

■ 78.1372, 0.3601,
0.3731

■ 91.3064, 0.3239,
0.3401

■ 72.2534, 0.3808,
0.3898

■ 98.4072, 0.3103,
0.3277

■ 66.8179, 0.4028,
0.4059

■ 99.2455, 0.3102,
0.3290

■ 61.8156, 0.4254,
0.4202

■ 57.2298, 0.4477,
0.4315

■ 53.0423, 0.4686,
0.4388

■ 49.2321, 0.4870,
0.4411

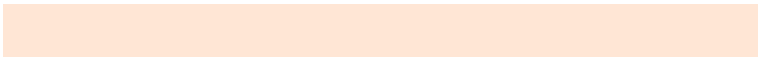
■ 45.7737, 0.5019,
0.4380

■ 44.8287, 0.5058,
0.4366

Harmonies

Analogous

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



84.4800, 0.3469, 0.3460



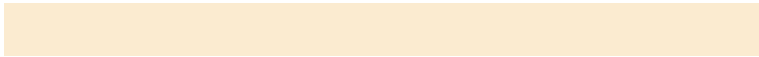
84.4800, 0.3411, 0.3563



84.4800, 0.3277, 0.3594

Triad

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



84.4800, 0.3411, 0.3563



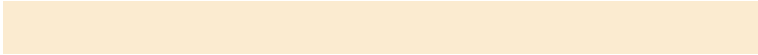
84.4800, 0.2831, 0.3250



84.4800, 0.3142, 0.3058

Complementary

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



84.4800, 0.3411, 0.3563



73.7014, 0.2854, 0.3001

Split Complementary

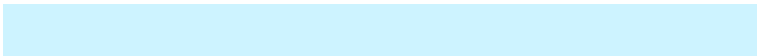
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4800, 0.2973, 0.3002



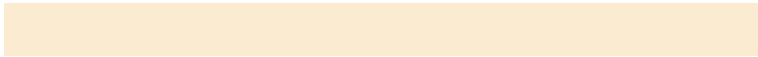
84.4800, 0.3411, 0.3563



84.4800, 0.2797, 0.3107

Square

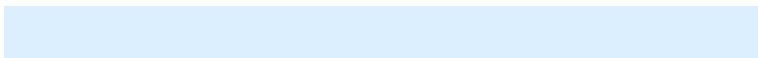
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.4800, 0.3411, 0.3563



84.4800, 0.2942, 0.3411



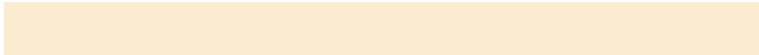
84.4800, 0.2848, 0.3018



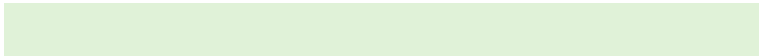
84.4800, 0.3312, 0.3172

Rectangle

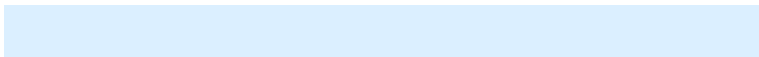
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.4800, 0.3411, 0.3563



84.4800, 0.3163, 0.3567



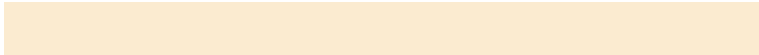
84.4800, 0.2848, 0.3018



84.4800, 0.3084, 0.3032

Sweetspot

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



84.4838, 0.3411, 0.3563



96.2169, 0.3205, 0.3367



71.0496, 0.3335, 0.3123



20.4828, 0.3216, 0.3378



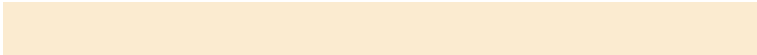
0.0000, 0.0000, 0.0000



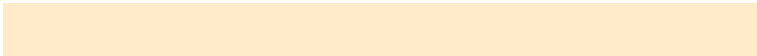
21.4041, 0.3127, 0.3290

Same Dimension

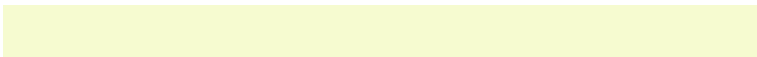
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.4838, 0.3411, 0.3563



84.9606, 0.3483, 0.3628



93.1256, 0.3352, 0.3721



19.0419, 0.3278, 0.3439



23.8566, 0.5040, 0.4380



2.4126, 0.4912, 0.4482

Inverse Universe

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



73.7014, 0.2854, 0.3001



71.6086, 0.2788, 0.2927



66.2531, 0.2880, 0.2829



17.7007, 0.2979, 0.3137



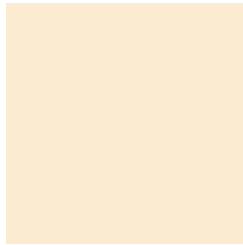
8.0659, 0.1661, 0.1180



0.9426, 0.1727, 0.1416

Previews

White Background



This preview shows how the Yxy color 84.4800, 0.3411, 0.3563 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 84.4800, 0.3411, 0.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

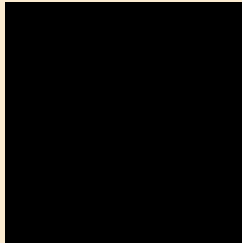
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.4800, 0.3411, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 84.4800, 0.3411, 0.3563.

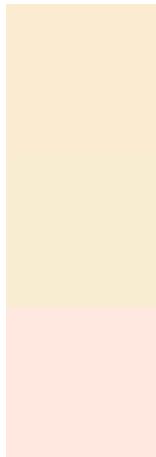


This preview shows how white text looks on a background with the Yxy color 84.4800, 0.3411, 0.3563.

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

84.4800, 0.3411, 0.3563

Protanopia

84.5508, 0.3382, 0.3565

Deuteranopia

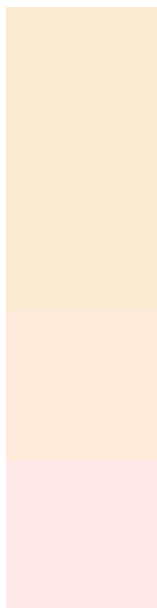
84.3009, 0.3345, 0.3380



Tritanopia

84.5690, 0.3189, 0.3125

Trichromacy



Original Color

84.4800, 0.3411, 0.3563

Protanomaly

84.7341, 0.3389, 0.3564

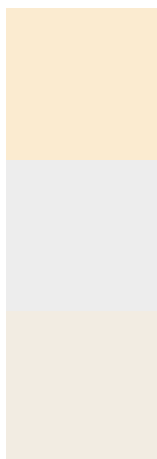
Deuteranomaly

84.4106, 0.3369, 0.3441

Tritanomaly

84.6672, 0.3272, 0.3281

Monochromacy



Original Color

84.4800, 0.3411, 0.3563

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.3591, 0.3230, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.4800, 0.3411, 0.3563 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, 235, 208)` looks like.

```
.text, #text, p{  
    color:rgb(251, 235, 208)  
}
```

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, 235, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 235, 208) }
```

Border

The CSS property to change the border of an element to Yxy 84.4800, 0.3411, 0.3563 is called "border". The border property can be set on classes, ids or directly on the HTML element.

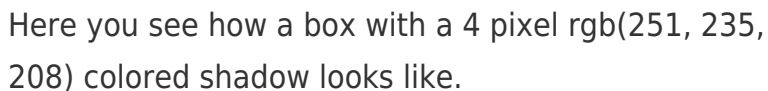
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 235, 208) }
```

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

```
.border{ border-color:rgb(251, 235, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(251, 235, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 235, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 235, 208);  
box-shadow:4px 4px 4px 4px rgb(251, 235,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 84.4800, 0.3411, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 235, 208) }
```

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

```
.background{ background-color: rgb(251,  
235, 208) }
```

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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