

Converting Colors

$Yxy(88.8680, 0.3408, 0.3749)$

Have a look what the booklet for
Yxy(88.8680, 0.3408, 0.3749)
contains.

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Color

Yxy(88.8874, 0.3404, 0.3748)

Conversions

Conversions Part 1

Format	Color
Hex	F5F5C8
RGB	245, 245, 200
RGB Percent	96%, 96%, 78%
CMY	0.0393, 0.0392, 0.2157
CMYK	0.00, 0.00, 0.18, 0.04
HSL	60°, 69%, 87%
HSV	60°, 18%, 96%
XYZ	80.7291, 88.8874, 67.5430
YIQ	239.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

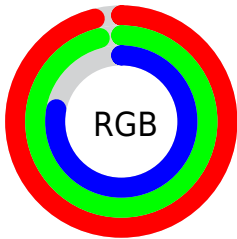
Format	Color
R _{YB}	200, 245, 200
Decimal	16119240
CIE Lab	95.53, -7.23, 21.73
CIE LCh	96, 22.900, 108.409
Yxy	88.8874, 0.3404, 0.3748
Android (android.graphics.Color)	4294309320 (0xFFFF5F5C8)
YUV	239.8700, -19.6559, 4.4990
Hunter-Lab	94.2801, -12.1462, 23.5202

Details

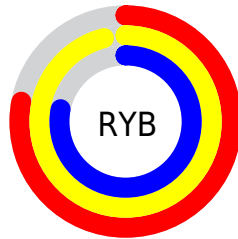
The Yxy color **88.8874, 0.3404, 0.3748** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.1836, 0.2823, 0.2787**, and the grayscale version is **87.1792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.1619, 0.3457, 0.3851** is the 20% darker color. If you saturate the color by 10%, you get **87.8333, 0.3556, 0.4000**, and if you desaturate by 10%, it is **90.1330, 0.3252, 0.3496**.

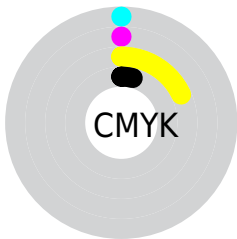
Distribution



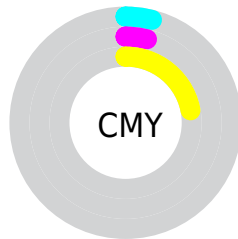
- Red (96%)
- Green (96%)
- Blue (78%)



- Red (78%)
- Yellow (96%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (4%)





- Cyan (4%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8874, 0.3404, 0.3748 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 88.8874, 0.3404, 0.3748 by changing the saturation by 10% instead.


 88.8874, 0.3404,
0.3748

 88.8874, 0.3404,
0.3748

524.4049, 0.3282,
0.3541

 67.0582, 0.3430,
0.3794

145.7920, 0.3363,
0.3677

 49.1320, 0.3462,
0.3850

181.6362, 0.3347,
0.3649

 34.7242, 0.3501,
0.3920


222.9208, 0.3333,
0.3625

 23.4505, 0.3549,
0.4010

270.0304, 0.3320,
0.3604

 14.9265, 0.3612,
0.4128

323.3491, 0.3309,
0.3586

 8.7678, 0.3694,
0.4292

383.2616, 0.3299,

 4.5900, 0.3804,

0.3569

0.4529

450.1520, 0.3290,
0.3554

■ 2.0088, 0.4069,
0.5044

■ 0.6126, 0.3984,
0.6016

■ 88.8874, 0.3404,
0.3748

■ 88.8874, 0.3404,
0.3748

■ 87.8333, 0.3556,
0.4000

■ 90.1330, 0.3252,
0.3496

■ 86.9501, 0.3703,
0.4244


■ 91.5663, 0.3103,
0.3251


■ 86.2323, 0.3839,
0.4469


■ 91.9495, 0.3068,
0.3192

■ 85.6696, 0.3958,
0.4665

■ 91.9522, 0.3068,
0.3192

 85.2505, 0.4055,
0.4825

 91.9549, 0.3068,
0.3192


 84.9620, 0.4125,
0.4942


 91.9576, 0.3069,
0.3192


 84.7885, 0.4169,
0.5015

 91.9604, 0.3069,
0.3192

 84.7083, 0.4190,
0.5050

 91.9631, 0.3069,
0.3192

 84.6991, 0.4192,
0.5053

 91.9658, 0.3069,
0.3192

Harmonies

Analogous

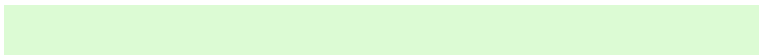
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8874, 0.3584, 0.3665



88.8874, 0.3404, 0.3748



88.8874, 0.3154, 0.3700

Triad

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



88.8874, 0.3404, 0.3748



88.8874, 0.2640, 0.3059



88.8874, 0.3344, 0.3069

Complementary

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



88.8874, 0.3404, 0.3748



60.1836, 0.2823, 0.2787

Split Complementary

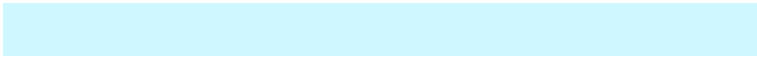
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8874, 0.3084, 0.2921



88.8874, 0.3404, 0.3748



88.8874, 0.2685, 0.2907

Square

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



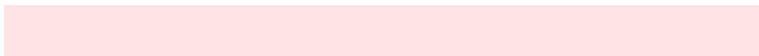
88.8874, 0.3404, 0.3748



88.8874, 0.2718, 0.3285



88.8874, 0.2844, 0.2861



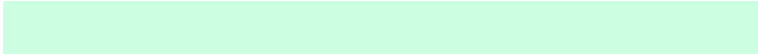
88.8874, 0.3551, 0.3272

Rectangle

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



88.8874, 0.3404, 0.3748



88.8874, 0.2983, 0.3595



88.8874, 0.2844, 0.2861



88.8874, 0.3260, 0.3011

Sweetspot

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



88.8913, 0.3404, 0.3748



99.0517, 0.3216, 0.3437



64.8921, 0.3486, 0.3291



21.1800, 0.3226, 0.3453



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

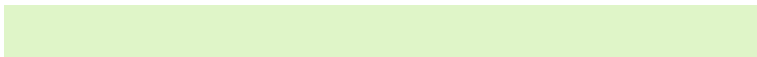
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8913, 0.3404, 0.3748



96.8923, 0.3460, 0.3841



85.0912, 0.3251, 0.3771



19.3131, 0.3268, 0.3524



45.6246, 0.4192, 0.5053



4.0101, 0.4192, 0.5053

Inverse Universe

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



60.1836, 0.2823, 0.2787



60.1540, 0.2754, 0.2672



63.5102, 0.2983, 0.2810



15.9273, 0.2979, 0.3045



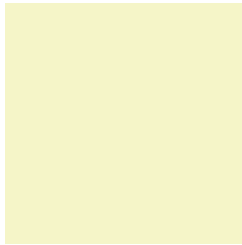
3.5523, 0.1500, 0.0600



0.3124, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 88.8874, 0.3404, 0.3748 looks on a white background.

Color Contrast Check

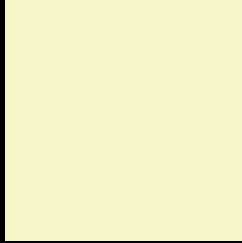
Large Text (above 18pt) WCAG AA × Fail

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 88.8874, 0.3404, 0.3748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

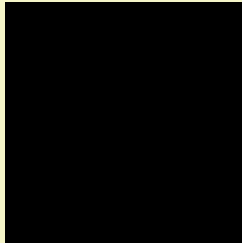
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

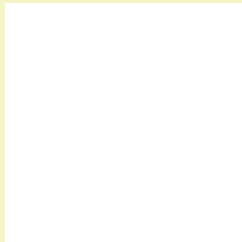
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8874, 0.3404, 0.3748

Background



This preview shows how black text looks on a background with the Yxy color 88.8874, 0.3404, 0.3748.

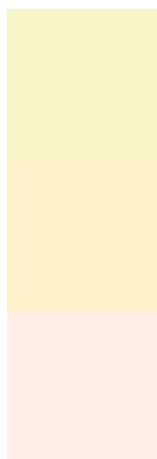


This preview shows how white text looks on a background with the Yxy color 88.8874, 0.3404, 0.3748.

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

88.8874, 0.3404, 0.3748

Protanopia

89.0285, 0.3466, 0.3689

Deuteranopia

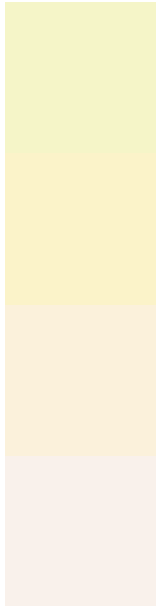
88.7062, 0.3291, 0.3379



Tritanopia

89.0645, 0.3115, 0.3126

Trichromacy



Original Color

88.8874, 0.3404, 0.3748

Protanomaly

88.8275, 0.3443, 0.3712

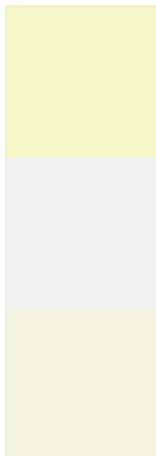
Deuteranomaly

88.5343, 0.3331, 0.3510

Tritanomaly

89.0485, 0.3217, 0.3350

Monochromacy



Original Color

88.8874, 0.3404, 0.3748

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.8177, 0.3231, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8874, 0.3404, 0.3748 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(245, 245, 200)` looks like.

```
.text, #text, p{  
    color:rgb(245, 245, 200)  
}
```

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(245, 245, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 245, 200) }
```

Border

The CSS property to change the border of an element to Yxy 88.8874, 0.3404, 0.3748 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(245, 245, 200) }
```

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

```
.border{ border-color:rgb(245, 245, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 245, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 245, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 245, 200);  
box-shadow:4px 4px 4px 4px rgb(245, 245,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8874, 0.3404, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 245, 200) }
```

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

```
.background{ background-color: rgb(245,  
245, 200) }
```

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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