

Converting Colors

Yxy(88.4716, 0.3401, 0.3564)

Have a look what the booklet for
Yxy(88.4716, 0.3401, 0.3564)
contains.

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Color

Yxy(88.3843, 0.3399, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	FFF0D5
RGB	255, 240, 213
RGB Percent	100%, 94%, 84%
CMY	0.0000, 0.0588, 0.1648
CMYK	0.00, 0.06, 0.16, 0.00
HSL	39°, 100%, 92%
HSV	39°, 16%, 100%
XYZ	84.4109, 88.3843, 75.5451
YIQ	241.4070, 17.6070, -5.2170

Conversions

Conversions Part 2

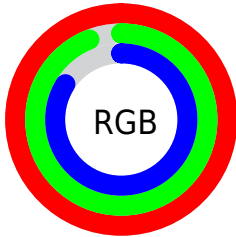
Format	Color
R_{YB}	236, 255, 213
Decimal	16773333
CIE _{Lab}	95.32, 0.77, 14.88
CIE _{LCh}	95, 14.899, 87.044
Yxy	88.3843, 0.3399, 0.3559
Android (android.graphics.Color)	4294963413 (0xFFFFF0D5)
YUV	241.4070, -14.0047, 11.9211
Hunter-Lab	94.0129, -4.2538, 18.1659

Details

The Yxy color **88.3843, 0.3399, 0.3559** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76.8341, 0.2864, 0.3006**, and the grayscale version is **88.4019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.7554, 0.3461, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **81.9674, 0.3587, 0.3730**, and if you desaturate by 10%, it is **95.2768, 0.3228, 0.3393**.

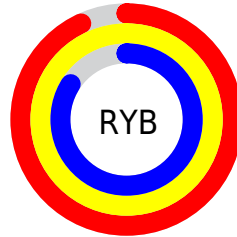
Distribution



Red (100%)

Green (94%)

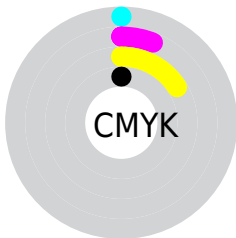
Blue (84%)



Red (93%)

Yellow (100%)

Blue (84%)

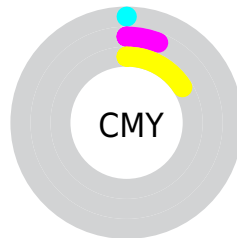


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3843, 0.3399, 0.3559 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 88.3843, 0.3399, 0.3559 by changing the saturation by 10% instead.


 88.3843, 0.3399,
0.3559

 88.3843, 0.3399,
0.3559


522.7609, 0.3277,
0.3439

 66.6414, 0.3426,
0.3585

145.0921, 0.3358,
0.3518

 48.7932, 0.3458,
0.3617


180.8257, 0.3341,
0.3502

 34.4555, 0.3499,
0.3657


221.9917, 0.3327,
0.3488

 23.2437, 0.3551,
0.3708

268.9745, 0.3315,
0.3476

 14.7736, 0.3619,
0.3774

322.1584, 0.3304,
0.3465

 8.6606, 0.3712,
0.3865

381.9278, 0.3294,

 4.5205, 0.3848,

0.3456

0.3997

448.6672, 0.3285,
0.3447

■ 1.9688, 0.4068,
0.4208

■ 0.5892, 0.4955,
0.5045

■ 88.3843, 0.3399,
0.3559

■ 88.3843, 0.3399,
0.3559

■ 81.9674, 0.3587,
0.3730

■ 95.2768, 0.3228,
0.3393

■ 76.0076, 0.3790,
0.3902

100.0000, 0.3127,
0.3290

■ 70.4926, 0.4006,
0.4067

■ 65.4069, 0.4227,
0.4214

■ 60.7340, 0.4445,
0.4333

■ 56.4556, 0.4648,
0.4411

■ 52.5509, 0.4826,
0.4440

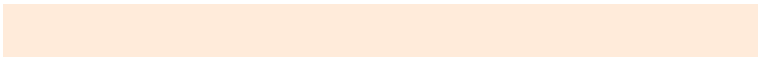
■ 48.9946, 0.4970,
0.4416

■ 47.8138, 0.5016,
0.4399

Harmonies

Analogous

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



88.3843, 0.3459, 0.3461



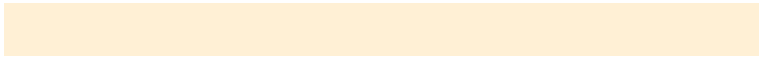
88.3843, 0.3399, 0.3559



88.3843, 0.3266, 0.3585

Triad

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



88.3843, 0.3399, 0.3559



88.3843, 0.2835, 0.3245



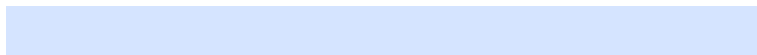
88.3843, 0.3150, 0.3068

Complementary

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



88.3843, 0.3399, 0.3559



76.8341, 0.2864, 0.3006

Split Complementary

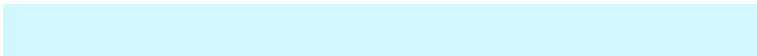
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.3843, 0.2984, 0.3010



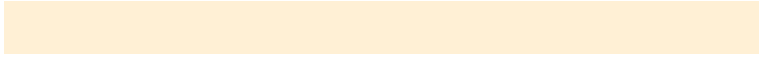
88.3843, 0.3399, 0.3559



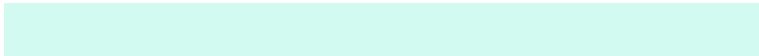
88.3843, 0.2806, 0.3107

Square

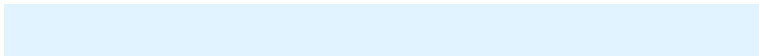
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.3843, 0.3399, 0.3559



88.3843, 0.2941, 0.3401



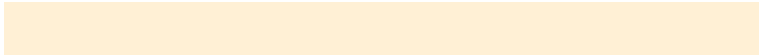
88.3843, 0.2859, 0.3023



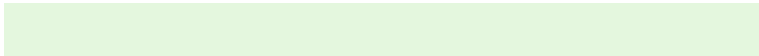
88.3843, 0.3314, 0.3181

Rectangle

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



88.3843, 0.3399, 0.3559



88.3843, 0.3155, 0.3556



88.3843, 0.2859, 0.3023



88.3843, 0.3093, 0.3042

Sweetspot

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



88.3860, 0.3399, 0.3559



96.3373, 0.3205, 0.3369



74.4597, 0.3331, 0.3136



20.5121, 0.3216, 0.3381



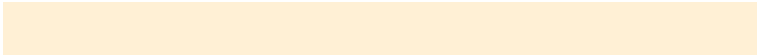
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

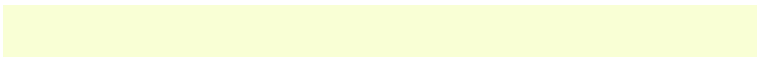
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3860, 0.3399, 0.3559



86.0732, 0.3463, 0.3619



96.5357, 0.3339, 0.3706



19.9362, 0.3278, 0.3442



25.2762, 0.4999, 0.4413



2.6676, 0.4883, 0.4505

Inverse Universe

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



76.8341, 0.2864, 0.3006



72.4054, 0.2805, 0.2938



69.7919, 0.2894, 0.2848



18.4384, 0.2979, 0.3133



7.9364, 0.1649, 0.1137



0.9702, 0.1712, 0.1361

Previews

White Background



This preview shows how the Yxy color 88.3843, 0.3399, 0.3559 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 88.3843, 0.3399, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

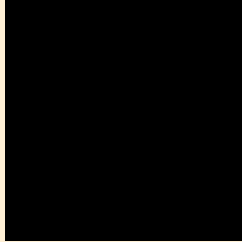
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

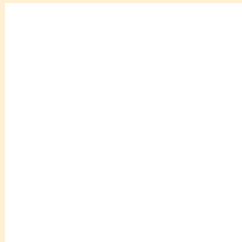
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.3843, 0.3399, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 88.3843, 0.3399, 0.3559.

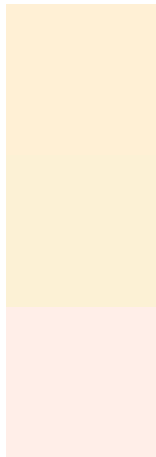


This preview shows how white text looks on a background with the Yxy color 88.3843, 0.3399, 0.3559.

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

88.3843, 0.3399, 0.3559

Protanopia

88.4101, 0.3376, 0.3570

Deuteranopia

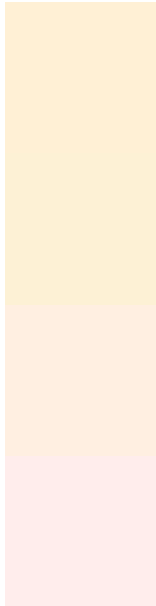
88.2353, 0.3279, 0.3349



Tritanopia

88.0905, 0.3173, 0.3164

Trichromacy



Original Color

88.3843, 0.3399, 0.3559

Protanomaly

88.5973, 0.3383, 0.3570

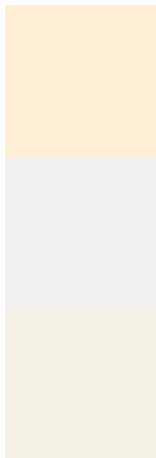
Deuteranomaly

88.4292, 0.3323, 0.3429

Tritanomaly

87.8845, 0.3254, 0.3300

Monochromacy



Original Color

88.3843, 0.3399, 0.3559

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

88.2729, 0.3222, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3843, 0.3399, 0.3559 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(255, 240, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 213)  
}
```

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(255, 240, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 213) }
```

Border

The CSS property to change the border of an element to Yxy 88.3843, 0.3399, 0.3559 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(255, 240, 213) }
```

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

```
.border{ border-color:rgb(255, 240, 213) }
```

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

Here you see how a box with a 4 pixel rgb(255, 240, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3843, 0.3399, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 213) }
```

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

```
.background{ background-color: rgb(255,  
240, 213) }
```

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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