

Converting Colors

$Y_{xy}(100.0000, 0.3795, 0.3518)$

Have a look what the booklet for
Yxy(100.0000, 0.3795, 0.3518)
contains.

Yxy(87.7971, 0.3400, 0.3549)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(87.7971, 0.3400, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFD5
RGB	255, 239, 213
RGB Percent	100%, 94%, 84%
CMY	0.0001, 0.0627, 0.1646
CMYK	0.00, 0.06, 0.16, 0.00
HSL	37°, 100%, 92%
HSV	37°, 16%, 100%
XYZ	84.1111, 87.7971, 75.4773
YIQ	240.8200, 17.8820, -4.6940

Conversions

Conversions Part 2

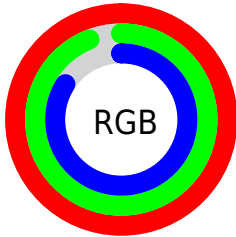
Format	Color
R _Y B	239, 255, 213
Decimal	16773077
CIE Lab	95.08, 1.26, 14.51
CIE LCh	95, 14.561, 85.021
Yxy	87.7971, 0.3400, 0.3549
Android (android.graphics.Color)	4294963157 (0xFFFFEFD5)
YUV	240.8200, -13.7153, 12.4359
Hunter-Lab	93.7001, -3.7425, 17.8308

Details

The Yxy color **87.7971, 0.3400, 0.3549** is a light color, and the websafe version is hex **FFFFCC**, and the color name is **papayawhip**. A complement of this color would be **77.3954, 0.2865, 0.3017**, and the grayscale version is **87.9144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.3414, 0.3463, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **81.0777, 0.3590, 0.3715**, and if you desaturate by 10%, it is **95.0327, 0.3228, 0.3389**.

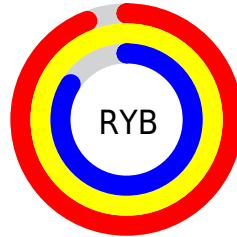
Distribution



Red (100%)

Green (94%)

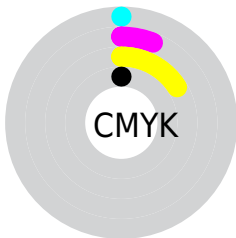
Blue (84%)



Red (94%)

Yellow (100%)

Blue (84%)

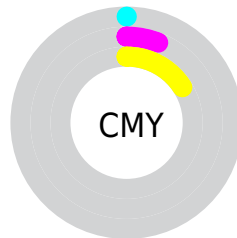


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.7971, 0.3400, 0.3549 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 87.7971, 0.3400, 0.3549 by changing the saturation by 10% instead.

 87.7971, 0.3400,
0.3549

 87.7971, 0.3400,
0.3549

520.8386, 0.3278,
0.3434

 66.1550, 0.3427,
0.3574


144.2746, 0.3358,
0.3510

 48.3983, 0.3460,
0.3605


179.8789, 0.3342,
0.3494

 34.1424, 0.3501,
0.3643


220.9061, 0.3328,
0.3481

 23.0030, 0.3553,
0.3692

267.7405, 0.3315,
0.3469

 14.5957, 0.3622,
0.3756

320.7665, 0.3304,
0.3459

 8.5362, 0.3717,
0.3844

380.3686, 0.3294,

 4.4399, 0.3855,

0.3449

0.3971

446.9312, 0.3286,
0.3441

■ 1.9226, 0.4081,
0.4175

■ 0.5619, 0.5013,
0.4987

■ 87.7971, 0.3400,
0.3549

■ 87.7971, 0.3400,
0.3549

■ 81.0777, 0.3590,
0.3715

■ 95.0327, 0.3228,
0.3389

■ 74.8486, 0.3798,
0.3881

99.9948, 0.3127,
0.3290

■ 69.0986, 0.4019,
0.4040

■ 63.8115, 0.4248,
0.4183

■ 58.9698, 0.4475,
0.4297

■ 54.5543, 0.4690,
0.4371

■ 50.5432, 0.4879,
0.4395

■ 46.9102, 0.5034,
0.4365

■ 45.7004, 0.5083,
0.4346

Harmonies

Analogous

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



87.7971, 0.3453, 0.3450



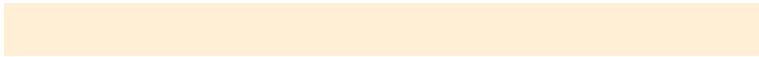
87.7971, 0.3400, 0.3549



87.7971, 0.3273, 0.3580

Triad

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



87.7971, 0.3400, 0.3549



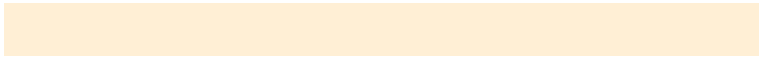
87.7971, 0.2846, 0.3256



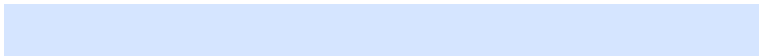
87.7971, 0.3138, 0.3067

Complementary

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



87.7971, 0.3400, 0.3549



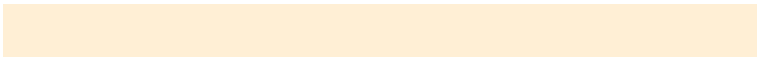
77.3954, 0.2865, 0.3017

Split Complementary

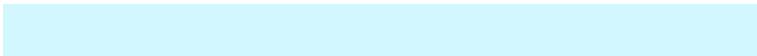
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.7971, 0.2977, 0.3014



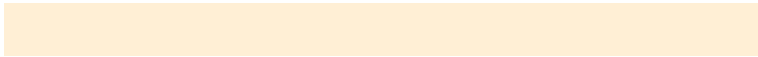
87.7971, 0.3400, 0.3549



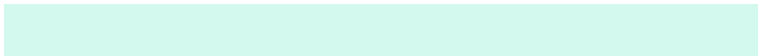
87.7971, 0.2812, 0.3118

Square

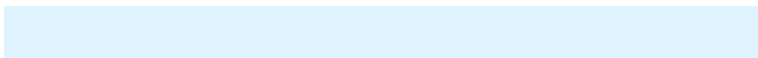
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.7971, 0.3400, 0.3549



87.7971, 0.2954, 0.3408



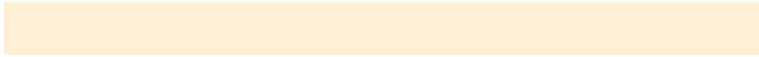
87.7971, 0.2859, 0.3032



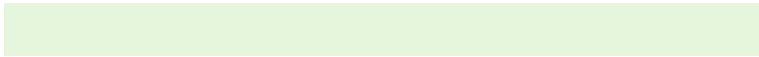
87.7971, 0.3300, 0.3175

Rectangle

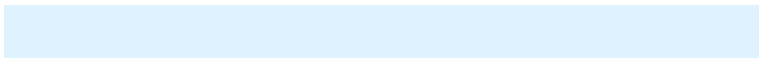
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.7971, 0.3400, 0.3549



87.7971, 0.3165, 0.3555



87.7971, 0.2859, 0.3032



87.7971, 0.3082, 0.3042

Sweetspot

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



87.8010, 0.3400, 0.3549



96.1501, 0.3205, 0.3366



74.5170, 0.3326, 0.3129



20.4665, 0.3216, 0.3377



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

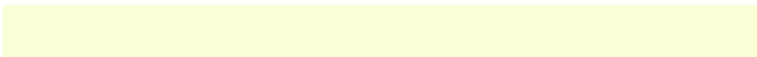
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.8010, 0.3400, 0.3549



85.3797, 0.3465, 0.3607



96.6462, 0.3343, 0.3705



19.8617, 0.3279, 0.3437



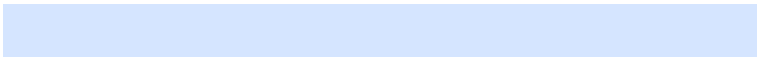
24.1825, 0.5065, 0.4361



2.5656, 0.4938, 0.4461

Inverse Universe

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



77.3954, 0.2865, 0.3017



73.0475, 0.2805, 0.2951



69.7100, 0.2890, 0.2848



18.5103, 0.2979, 0.3139



8.5056, 0.1667, 0.1202



1.0310, 0.1730, 0.1427

Previews

White Background



This preview shows how the Yxy color 87.7971, 0.3400, 0.3549 looks on a white background.

Color Contrast Check

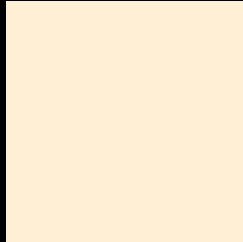
Large Text (above 18pt) WCAG AA × Fail

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 87.7971, 0.3400, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

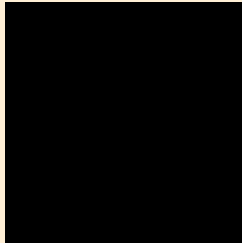
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.7971, 0.3400, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 87.7971, 0.3400, 0.3549.

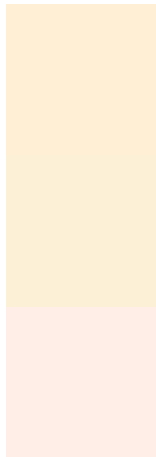


This preview shows how white text looks on a background with the Yxy color 87.7971, 0.3400, 0.3549.

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

87.7971, 0.3400, 0.3549

Protanopia

87.8707, 0.3371, 0.3550

Deuteranopia

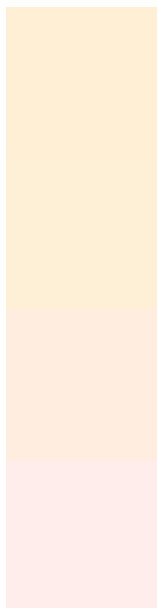
87.5979, 0.3286, 0.3349



Tritanopia

88.0905, 0.3173, 0.3164

Trichromacy



Original Color

87.7971, 0.3400, 0.3549

Protanomaly

88.0579, 0.3378, 0.3550

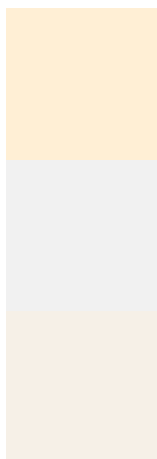
Deuteranomaly

87.7909, 0.3330, 0.3429

Tritanomaly

87.8845, 0.3254, 0.3300

Monochromacy



Original Color

87.7971, 0.3400, 0.3549

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.6825, 0.3223, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.7971, 0.3400, 0.3549 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, 239, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 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, 239, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 213) }
```

Border

The CSS property to change the border of an element to Yxy 87.7971, 0.3400, 0.3549 is called "border". The border property can be set on classes, ids or directly on the HTML element.

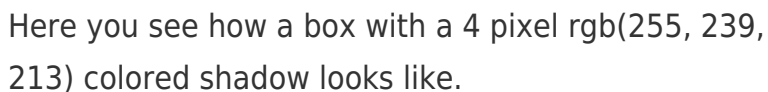
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 239, 213) }
```

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

```
.border{ border-color:rgb(255, 239, 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, 239, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 239, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 239, 213); box-shadow:4px 4px 4px 4px rgb(255, 239, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 87.7971, 0.3400, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 213) }
```

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

```
.background{ background-color: rgb(255,  
239, 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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