

Converting Colors

$Yxy(89.1686, 0.3446, 0.3540)$

Have a look what the booklet for
Yxy(89.1686, 0.3446, 0.3540)
contains.

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Color

Yxy(87.8480, 0.3394, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFD6
RGB	255, 239, 214
RGB Percent	100%, 94%, 84%
CMY	0.0000, 0.0627, 0.1608
CMYK	0.00, 0.06, 0.16, 0.00
HSL	37°, 100%, 92%
HSV	37°, 16%, 100%
XYZ	84.2487, 87.8480, 76.1316
YIQ	240.9340, 17.5610, -4.3830

Conversions

Conversions Part 2

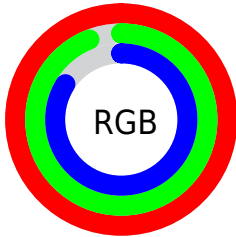
Format	Color
R _Y B	240, 255, 214
Decimal	16773078
CIE Lab	95.10, 1.43, 14.03
CIE LCh	95, 14.106, 84.170
Yxy	87.8480, 0.3394, 0.3539
Android (android.graphics.Color)	4294963158 (0xFFFFEFD6)
YUV	240.9340, -13.2785, 12.3359
Hunter-Lab	93.7273, -3.5743, 17.4497

Details

The Yxy color **87.8480, 0.3394, 0.3539** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78.1079, 0.2872, 0.3028**, and the grayscale version is **88.0037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.3759, 0.3455, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **80.9788, 0.3584, 0.3702**, and if you desaturate by 10%, it is **95.2425, 0.3222, 0.3382**.

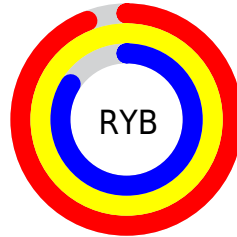
Distribution



Red (100%)

Green (94%)

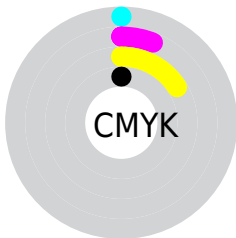
Blue (84%)



Red (94%)

Yellow (100%)

Blue (84%)

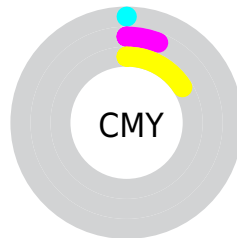


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.8480, 0.3394, 0.3539 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 87.8480, 0.3394, 0.3539 by changing the saturation by 10% instead.


 87.8480, 0.3394,
0.3539

 87.8480, 0.3394,
0.3539


521.0053, 0.3274,
0.3428

 66.1972, 0.3420,
0.3563


144.3455, 0.3353,
0.3501

 48.4325, 0.3453,
0.3593


179.9610, 0.3337,
0.3486

 34.1695, 0.3493,
0.3630


221.0002, 0.3323,
0.3473

 23.0239, 0.3544,
0.3677

267.8475, 0.3311,
0.3462

 14.6111, 0.3611,
0.3738

320.8873, 0.3300,
0.3452

 8.5469, 0.3704,
0.3822

380.5039, 0.3291,

 4.4469, 0.3841,

0.3443

0.3944

447.0818, 0.3282,
0.3435

■ 1.9265, 0.4061,
0.4138

■ 0.5643, 0.5031,
0.4969

■ 87.8480, 0.3394,
0.3539

■ 87.8480, 0.3394,
0.3539

■ 80.9788, 0.3584,
0.3702

■ 95.2425, 0.3222,
0.3382

■ 74.6194, 0.3793,
0.3866

100.0000, 0.3127,
0.3290

■ 68.7548, 0.4016,
0.4023

■ 63.3684, 0.4248,
0.4165

■ 58.4423, 0.4480,
0.4278

■ 53.9569, 0.4699,
0.4352

■ 49.8900, 0.4895,
0.4376

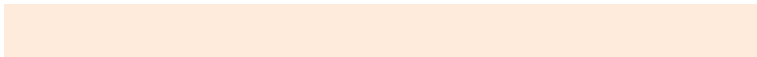
■ 46.2152, 0.5055,
0.4346

■ 44.8683, 0.5111,
0.4324

Harmonies

Analogous

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



87.8480, 0.3443, 0.3442



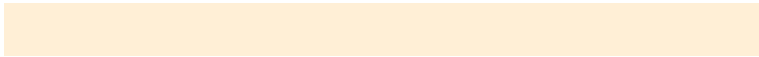
87.8480, 0.3394, 0.3539



87.8480, 0.3273, 0.3571

Triad

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



87.8480, 0.3394, 0.3539



87.8480, 0.2857, 0.3261



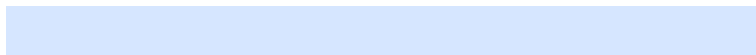
87.8480, 0.3133, 0.3071

Complementary

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



87.8480, 0.3394, 0.3539



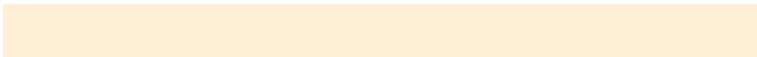
78.1079, 0.2872, 0.3028

Split Complementary

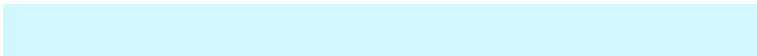
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.8480, 0.2978, 0.3022



87.8480, 0.3394, 0.3539



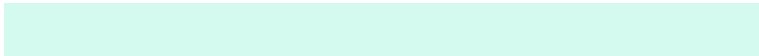
87.8480, 0.2821, 0.3127

Square

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



87.8480, 0.3394, 0.3539



87.8480, 0.2963, 0.3408



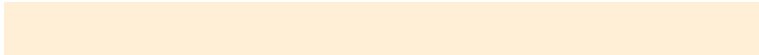
87.8480, 0.2865, 0.3041



87.8480, 0.3291, 0.3175

Rectangle

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



87.8480, 0.3394, 0.3539



87.8480, 0.3169, 0.3548



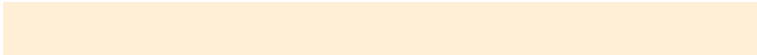
87.8480, 0.2865, 0.3041



87.8480, 0.3079, 0.3048

Sweetspot

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



87.8483, 0.3394, 0.3539



96.0725, 0.3205, 0.3365



75.0876, 0.3315, 0.3126



20.4476, 0.3216, 0.3376



0.0000, 0.0000, 0.0000



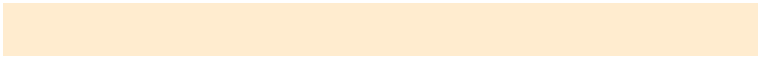
21.4041, 0.3127, 0.3290

Same Dimension

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



87.8483, 0.3394, 0.3539



85.7883, 0.3448, 0.3586



96.8656, 0.3343, 0.3694



19.8309, 0.3279, 0.3435



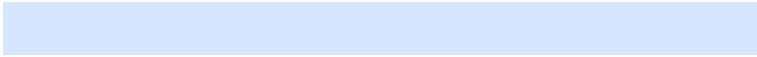
23.7436, 0.5092, 0.4339



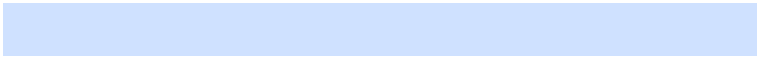
2.5244, 0.4962, 0.4442

Inverse Universe

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



78.1079, 0.2872, 0.3028



74.5178, 0.2823, 0.2975



70.2326, 0.2891, 0.2859



18.5402, 0.2979, 0.3141



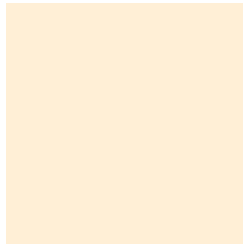
8.7544, 0.1675, 0.1230



1.0573, 0.1737, 0.1454

Previews

White Background



This preview shows how the Yxy color 87.8480, 0.3394, 0.3539 looks on a white background.

Color Contrast Check

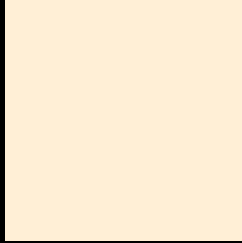
Large Text (above 18pt) WCAG AA × Fail

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 87.8480, 0.3394, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

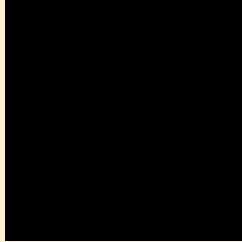
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.8480, 0.3394, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 87.8480, 0.3394, 0.3539.

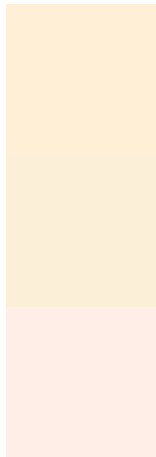


This preview shows how white text looks on a background with the Yxy color 87.8480, 0.3394, 0.3539.

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

87.8480, 0.3394, 0.3539

Protanopia

87.7357, 0.3358, 0.3541

Deuteranopia

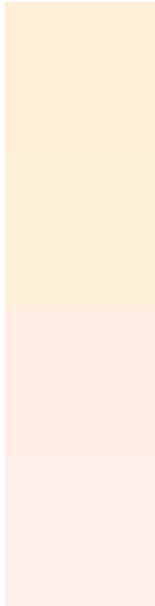
87.5979, 0.3286, 0.3349



Tritanopia

88.0905, 0.3173, 0.3164

Trichromacy



Original Color

87.8480, 0.3394, 0.3539

Protanomaly

87.9219, 0.3365, 0.3540

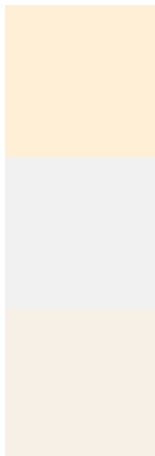
Deuteranomaly

87.8453, 0.3324, 0.3419

Tritanomaly

87.8845, 0.3254, 0.3300

Monochromacy



Original Color

87.8480, 0.3394, 0.3539

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 87.8480, 0.3394, 0.3539 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 214) }
```

Border

The CSS property to change the border of an element to Yxy 87.8480, 0.3394, 0.3539 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, 214) }
```

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

```
.border{ border-color:rgb(255, 239, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 87.8480, 0.3394, 0.3539 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
239, 214) }
```

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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