

Converting Colors

$Yxy(93.9140, 0.3838, 0.3937)$

Have a look what the booklet for
Yxy(93.9140, 0.3838, 0.3937)
contains.

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Color

Yxy(88.3783, 0.3649, 0.3989)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3AD
RGB	255, 243, 173
RGB Percent	100%, 95%, 68%
CMY	0.0000, 0.0471, 0.3216
CMYK	0.00, 0.05, 0.32, 0.00
HSL	51°, 100%, 84%
HSV	51°, 32%, 100%
XYZ	80.8454, 88.3783, 52.3313
YIQ	238.6080, 29.6220, -19.2260

Conversions

Conversions Part 2

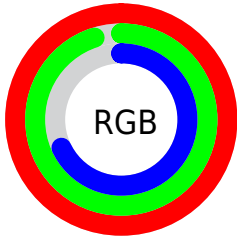
Format	Color
RYB	187, 255, 173
Decimal	16774061
CIELab	95.32, -6.09, 35.27
CIELCh	95, 35.790, 99.789
Yxy	88.3783, 0.3649, 0.3989
Android (android.graphics.Color)	4294964141 (0xFFFFF3AD)
YUV	238.6080, -32.3447, 14.3758
Hunter-Lab	94.0097, -11.0126, 32.8025

Details

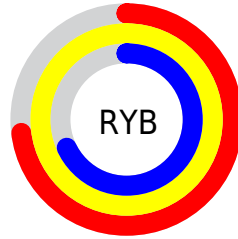
The Yxy color **88.3783, 0.3649, 0.3989** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **50.8049, 0.2567, 0.2477**, and the grayscale version is **86.2302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **48.7670, 0.3751, 0.4140** is the 20% darker color. If you saturate the color by 10%, you get **85.2667, 0.3818, 0.4202**, and if you desaturate by 10%, it is **91.7147, 0.3479, 0.3769**.

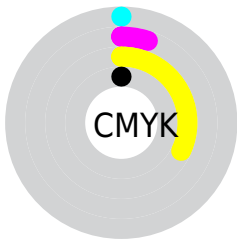
Distribution



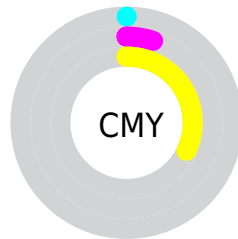
- Red (100%)
- Green (95%)
- Blue (68%)



- Red (73%)
- Yellow (100%)
- Blue (68%)



- Cyan (0%)
- Magenta (5%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (5%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.3783, 0.3649, 0.3989 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 88.3783, 0.3649, 0.3989 by changing the saturation by 10% instead.

 88.3783, 0.3649,
0.3989

 88.3783, 0.3649,
0.3989

522.7413, 0.3421,
0.3676

 66.6364, 0.3697,
0.4057


 145.0837, 0.3573,
0.3883

 48.7892, 0.3755,
0.4139

180.8160, 0.3543,
0.3841

 34.4523, 0.3824,
0.4240


221.9806, 0.3516,
0.3805

 23.2413, 0.3909,
0.4367

268.9619, 0.3492,
0.3773

 14.7718, 0.4013,
0.4528

322.1441, 0.3472,
0.3744

 8.6594, 0.4141,
0.4737

381.9119, 0.3453,

 4.5197, 0.4312,

0.3719

0.5035

448.6495, 0.3436,
0.3697

■ 1.9683, 0.4528,
0.5472

■ 0.5890, 0.4112,
0.5888

■ 88.3783, 0.3649,
0.3989

■ 88.3783, 0.3649,
0.3989

■ 85.2667, 0.3818,
0.4202

■ 91.7147, 0.3479,
0.3769

■ 82.3825, 0.3982,
0.4397

■ 95.2995, 0.3315,
0.3549

■ 79.7091, 0.4132,
0.4564

■ 99.1379, 0.3159,
0.3335

■ 77.2328, 0.4263,
0.4694

100.0000, 0.3127,
0.3290

■ 74.9381, 0.4367,
0.4779

■ 72.8063, 0.4442,
0.4818

■ 71.2266, 0.4483,
0.4822

Harmonies

Analogous

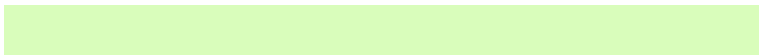
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3783, 0.3890, 0.3792



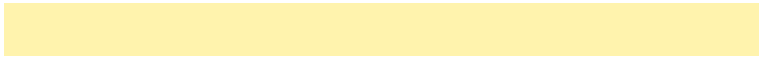
88.3783, 0.3649, 0.3989



88.3783, 0.3276, 0.3991

Triad

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



88.3783, 0.3649, 0.3989



88.3783, 0.2396, 0.3009



88.3783, 0.3348, 0.2876

Complementary

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



88.3783, 0.3649, 0.3989



50.8049, 0.2567, 0.2477

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.



88.3783, 0.2938, 0.2688



88.3783, 0.3649, 0.3989



88.3783, 0.2411, 0.2743

Square

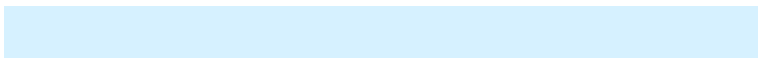
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.3783, 0.3649, 0.3989



88.3783, 0.2561, 0.3388



88.3783, 0.2602, 0.2636



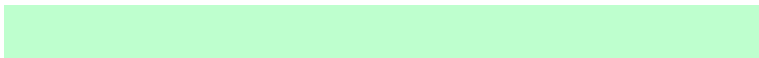
88.3783, 0.3716, 0.3160

Rectangle

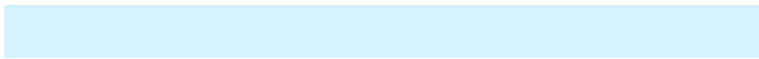
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.3783, 0.3649, 0.3989



88.3783, 0.3007, 0.3863



88.3783, 0.2602, 0.2636



88.3783, 0.3210, 0.2800

Sweetspot

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



88.3738, 0.3649, 0.3989



96.1058, 0.3281, 0.3502



54.6623, 0.3759, 0.3163



20.4579, 0.3303, 0.3532



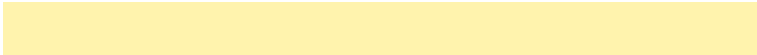
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

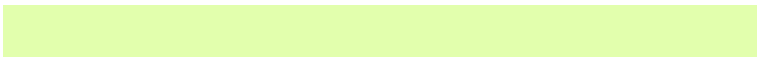
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3738, 0.3649, 0.3989



86.2231, 0.3765, 0.4136



90.7544, 0.3420, 0.4151



20.6106, 0.3273, 0.3491



37.3902, 0.4478, 0.4827



3.7587, 0.4440, 0.4856

Inverse Universe

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



50.8049, 0.2567, 0.2477



43.0348, 0.2430, 0.2270



49.6215, 0.2753, 0.2385



17.8068, 0.2979, 0.3081



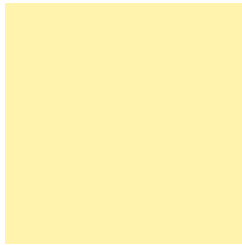
4.6034, 0.1532, 0.0716



0.5700, 0.1579, 0.0882

Previews

White Background



This preview shows how the Yxy color 88.3783, 0.3649, 0.3989 looks on a white background.

Color Contrast Check

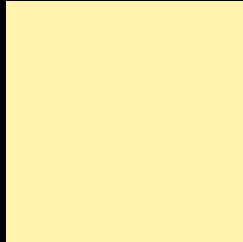
Large Text (above 18pt) WCAG AA × Fail

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 88.3783, 0.3649, 0.3989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

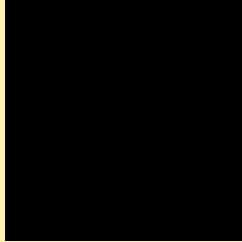
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.3783, 0.3649, 0.3989

Background



This preview shows how black text looks on a background with the Yxy color 88.3783, 0.3649, 0.3989.



This preview shows how white text looks on a background with the Yxy color 88.3783, 0.3649, 0.3989.

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

88.3783, 0.3649, 0.3989

Protanopia

88.1107, 0.3513, 0.3750

Deuteranopia

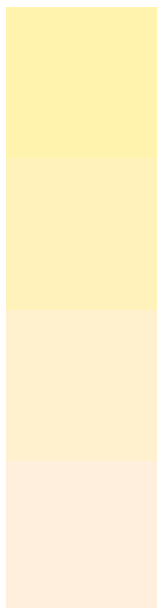
88.4292, 0.3323, 0.3429



Tritanopia

88.5438, 0.3185, 0.3193

Trichromacy



Original Color

88.3783, 0.3649, 0.3989

Protanomaly

88.3521, 0.3563, 0.3840

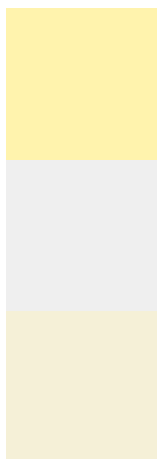
Deuteranomaly

88.0364, 0.3444, 0.3629

Tritanomaly

88.1603, 0.3355, 0.3479

Monochromacy



Original Color

88.3783, 0.3649, 0.3989

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.6390, 0.3317, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3783, 0.3649, 0.3989 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, 243, 173)` looks like.

```
.text, #text, p{  
  color:rgb(255, 243, 173)  
}
```

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, 243, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 173) }
```

Border

The CSS property to change the border of an element to Yxy 88.3783, 0.3649, 0.3989 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, 243, 173) }
```

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

```
.border{ border-color:rgb(255, 243, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3783, 0.3649, 0.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 173) }
```

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

```
.background{ background-color: rgb(255,  
243, 173) }
```

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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