

Converting Colors

$Yxy(88.7344, 0.3633, 0.3971)$

Have a look what the booklet for
Yxy(88.7344, 0.3633, 0.3971)
contains.

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Color

Yxy(88.4563, 0.3636, 0.3969)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3AF
RGB	255, 243, 175
RGB Percent	100%, 95%, 69%
CMY	0.0000, 0.0471, 0.3136
CMYK	0.00, 0.05, 0.31, 0.00
HSL	51°, 100%, 84%
HSV	51°, 31%, 100%
XYZ	81.0348, 88.4563, 53.3769
YIQ	238.8360, 28.9800, -18.6040

Conversions

Conversions Part 2

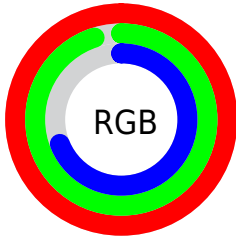
Format	Color
R _Y B	189, 255, 175
Decimal	16774063
CIE Lab	95.35, -5.86, 34.29
CIE LCh	95, 34.785, 99.693
Yxy	88.4563, 0.3636, 0.3969
Android (android.graphics.Color)	4294964143 (0xFFFFF3AF)
YUV	238.8360, -31.4711, 14.1758
Hunter-Lab	94.0512, -10.7935, 32.1870

Details

The Yxy color **88.4563, 0.3636, 0.3969** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.8934, 0.2583, 0.2504**, and the grayscale version is **86.4171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **48.8161, 0.3735, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **85.2815, 0.3806, 0.4182**, and if you desaturate by 10%, it is **91.8707, 0.3466, 0.3749**.

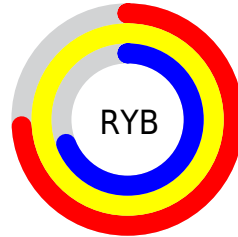
Distribution



Red (100%)

Green (95%)

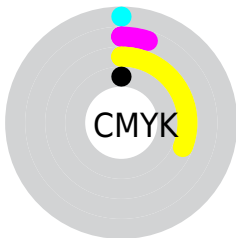
Blue (69%)



Red (74%)

Yellow (100%)

Blue (69%)

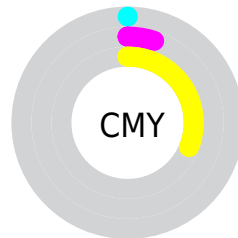


Cyan (0%)

Magenta (5%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.4563, 0.3636, 0.3969 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 88.4563, 0.3636, 0.3969 by changing the saturation by 10% instead.


 88.4563, 0.3636,
0.3969

 88.4563, 0.3636,
0.3969


522.9964, 0.3414,
0.3665

 66.7010, 0.3683,
0.4035


 145.1923, 0.3562,
0.3866

 48.8417, 0.3739,
0.4115

180.9417, 0.3532,
0.3825

 34.4939, 0.3808,
0.4214


222.1247, 0.3506,
0.3790

 23.2733, 0.3891,
0.4337

269.1256, 0.3483,
0.3759

 14.7954, 0.3994,
0.4495

322.3289, 0.3463,
0.3731

 8.6759, 0.4122,
0.4700

382.1188, 0.3445,

 4.5304, 0.4288,

0.3707

0.4987

448.8798, 0.3428,
0.3685

■ 1.9745, 0.4542,
0.5458

■ 0.5926, 0.4149,
0.5851

■ 88.4563, 0.3636,
0.3969

■ 88.4563, 0.3636,
0.3969

■ 85.2815, 0.3806,
0.4182

■ 91.8707, 0.3466,
0.3749

■ 82.3314, 0.3972,
0.4378

■ 95.5308, 0.3302,
0.3530

■ 79.5952, 0.4124,
0.4547

■ 99.4475, 0.3147,
0.3318

■ 77.0596, 0.4258,
0.4680

■ 100.0000, 0.3127,
0.3290

■ 74.7091, 0.4365,
0.4769

■ 72.5253, 0.4444,
0.4811

■ 70.7482, 0.4491,
0.4816

Harmonies

Analogous

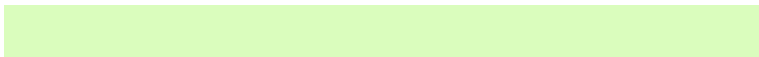
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4563, 0.3869, 0.3778



88.4563, 0.3636, 0.3969



88.4563, 0.3274, 0.3971

Triad

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



88.4563, 0.3636, 0.3969



88.4563, 0.2416, 0.3019



88.4563, 0.3341, 0.2886

Complementary

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



88.4563, 0.3636, 0.3969



51.8934, 0.2583, 0.2504

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.



88.4563, 0.2943, 0.2703



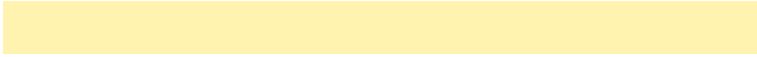
88.4563, 0.3636, 0.3969



88.4563, 0.2430, 0.2759

Square

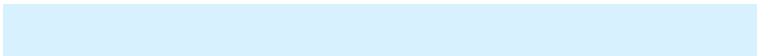
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4563, 0.3636, 0.3969



88.4563, 0.2577, 0.3387



88.4563, 0.2616, 0.2654



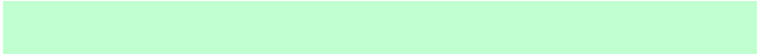
88.4563, 0.3698, 0.3163

Rectangle

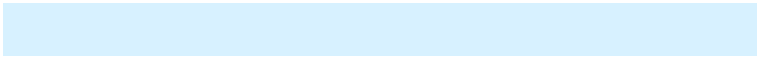
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.4563, 0.3636, 0.3969



88.4563, 0.3012, 0.3847



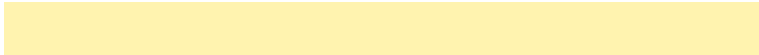
88.4563, 0.2616, 0.2654



88.4563, 0.3207, 0.2812

Sweetspot

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



88.4576, 0.3636, 0.3969



96.4313, 0.3265, 0.3480



55.5799, 0.3726, 0.3152



20.5210, 0.3288, 0.3511



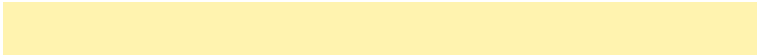
0.0000, 0.0000, 0.0000



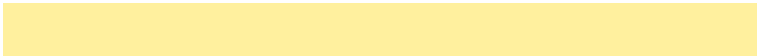
21.4041, 0.3127, 0.3290

Same Dimension

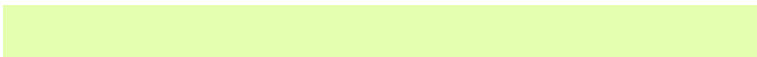
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4576, 0.3636, 0.3969



86.3226, 0.3749, 0.4112



91.1670, 0.3422, 0.4126



20.5988, 0.3273, 0.3490



37.1436, 0.4486, 0.4820



3.7371, 0.4447, 0.4851

Inverse Universe

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



51.8934, 0.2583, 0.2504



44.2490, 0.2451, 0.2305



50.4068, 0.2754, 0.2408



17.8176, 0.2979, 0.3081



4.6367, 0.1534, 0.0721



0.5750, 0.1580, 0.0889

Previews

White Background



This preview shows how the Yxy color 88.4563, 0.3636, 0.3969 looks on a white background.

Color Contrast Check

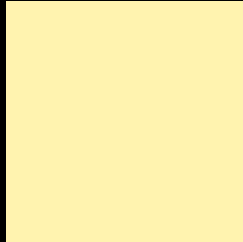
Large Text (above 18pt) WCAG AA × Fail

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 88.4563, 0.3636, 0.3969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

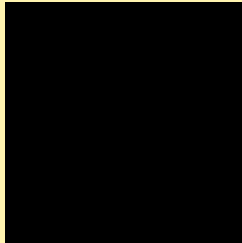
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.4563, 0.3636, 0.3969

Background



This preview shows how black text looks on a background with the Yxy color 88.4563, 0.3636, 0.3969.

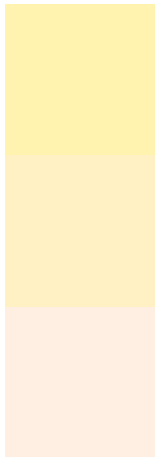


This preview shows how white text looks on a background with the Yxy color 88.4563, 0.3636, 0.3969.

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

88.4563, 0.3636, 0.3969

Protanopia

88.1561, 0.3507, 0.3740

Deuteranopia

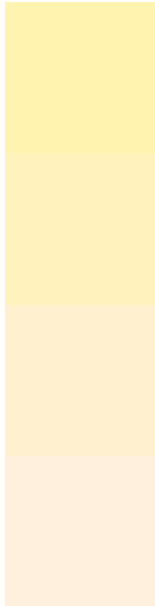
88.4840, 0.3316, 0.3419



Tritanopia

88.5438, 0.3185, 0.3193

Trichromacy



Original Color

88.4563, 0.3636, 0.3969

Protanomaly

88.3951, 0.3556, 0.3830

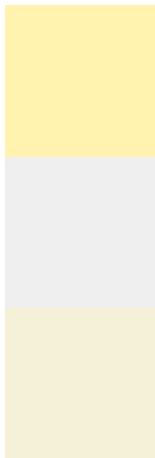
Deuteranomaly

88.0852, 0.3438, 0.3619

Tritanomaly

88.2135, 0.3348, 0.3469

Monochromacy



Original Color

88.4563, 0.3636, 0.3969

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.6905, 0.3310, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4563, 0.3636, 0.3969 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 175) }
```

Border

The CSS property to change the border of an element to Yxy 88.4563, 0.3636, 0.3969 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, 175) }
```

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

```
.border{ border-color:rgb(255, 243, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4563, 0.3636, 0.3969 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
243, 175) }
```

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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