

Converting Colors

$Yxy(88.4261, 0.3728, 0.4126)$

Have a look what the booklet for
Yxy(88.4261, 0.3728, 0.4126)
contains.

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Color

Yxy(88.4994, 0.3726, 0.4125)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4A0
RGB	255, 244, 160
RGB Percent	100%, 96%, 63%
CMY	0.0000, 0.0431, 0.3727
CMYK	0.00, 0.04, 0.37, 0.00
HSL	53°, 100%, 81%
HSV	53°, 37%, 100%
XYZ	79.9391, 88.4994, 46.1055
YIQ	237.7130, 33.5200, -23.7920

Conversions

Conversions Part 2

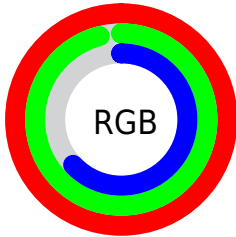
Format	Color
RYB	172, 255, 160
Decimal	16774304
CIELab	95.37, -8.08, 41.83
CIElCh	95, 42.607, 100.933
Yxy	88.4994, 0.3726, 0.4125
Android (android.graphics.Color)	4294964384 (0xFFFFF4A0)
YUV	237.7130, -38.3125, 15.1607
Hunter-Lab	94.0741, -12.9501, 36.7940

Details

The Yxy color **88.4994, 0.3726, 0.4125** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **43.7979, 0.2460, 0.2287**, and the grayscale version is **85.5451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **48.8983, 0.3843, 0.4304** is the 20% darker color. If you saturate the color by 10%, you get **85.9347, 0.3887, 0.4335**, and if you desaturate by 10%, it is **91.2746, 0.3560, 0.3902**.

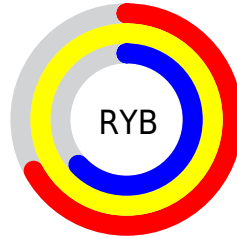
Distribution



Red (100%)

Green (96%)

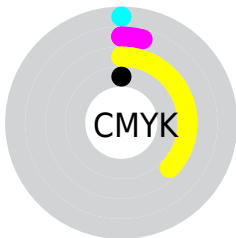
Blue (63%)



Red (67%)

Yellow (100%)

Blue (63%)

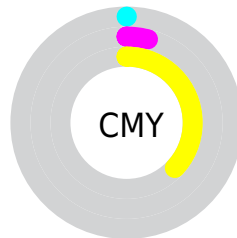


Cyan (0%)

Magenta (4%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (4%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.4994, 0.3726, 0.4125 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 88.4994, 0.3726, 0.4125 by changing the saturation by 10% instead.

 88.4994, 0.3726,
0.4125


 88.4994, 0.3726,
0.4125


523.1373, 0.3468,
0.3752

 66.7367, 0.3779,
0.4205


 145.2522, 0.3641,
0.3999

 48.8707, 0.3842,
0.4302


 181.0112, 0.3606,
0.3949

 34.5169, 0.3917,
0.4420


222.2043, 0.3576,
0.3906

 23.2910, 0.4006,
0.4565

269.2161, 0.3549,
0.3868

 14.8085, 0.4111,
0.4747

322.4309, 0.3526,
0.3834

 8.6851, 0.4229,
0.4975

382.2331, 0.3504,

 4.5364, 0.4455,

0.3804

0.5387

449.0071, 0.3485,
0.3777

■ 1.9779, 0.4414,
0.5586

■ 0.5946, 0.3822,
0.6178

■ 88.4994, 0.3726,
0.4125

■ 88.4994, 0.3726,
0.4125

■ 85.9347, 0.3887,
0.4335

■ 91.2746, 0.3560,
0.3902

■ 83.5706, 0.4036,
0.4522

■ 94.2721, 0.3396,
0.3674

■ 81.3938, 0.4168,
0.4674

■ 97.5012, 0.3237,
0.3449

■ 79.3900, 0.4275,
0.4786

100.0000, 0.3127,
0.3290

■ 77.5425, 0.4354,
0.4851

■ 75.8295, 0.4406,
0.4873

■ 75.3767, 0.4417,
0.4875

Harmonies

Analogous

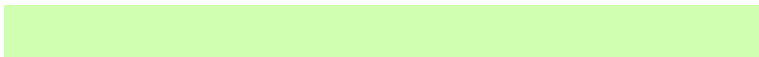
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4994, 0.4025, 0.3887



88.4994, 0.3726, 0.4125



88.4994, 0.3279, 0.4129

Triad

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



88.4994, 0.3726, 0.4125



88.4994, 0.2265, 0.2934



88.4994, 0.3406, 0.2814

Complementary

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



88.4994, 0.3726, 0.4125



43.7979, 0.2460, 0.2287

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.



88.4994, 0.2918, 0.2591



88.4994, 0.3726, 0.4125



88.4994, 0.2291, 0.2633

Square

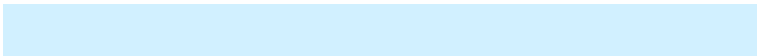
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4994, 0.3726, 0.4125



88.4994, 0.2447, 0.3384



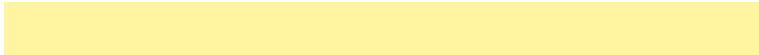
88.4994, 0.2520, 0.2521



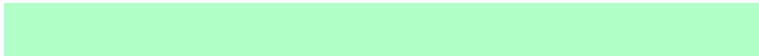
88.4994, 0.3842, 0.3146

Rectangle

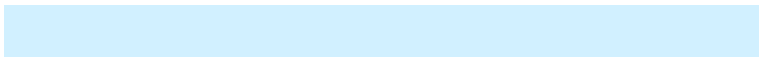
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.4994, 0.3726, 0.4125



88.4994, 0.2961, 0.3969



88.4994, 0.2520, 0.2521



88.4994, 0.3241, 0.2725

Sweetspot

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



88.4990, 0.3726, 0.4125



96.2697, 0.3296, 0.3532



49.3286, 0.3937, 0.3176



20.5116, 0.3317, 0.3562



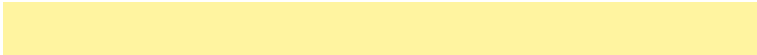
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

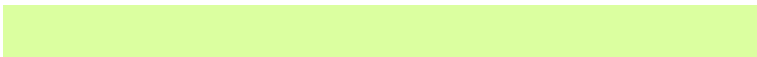
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4990, 0.3726, 0.4125



86.4993, 0.3851, 0.4289



89.0495, 0.3440, 0.4304



20.7106, 0.3272, 0.3498



39.5290, 0.4413, 0.4878



3.9463, 0.4384, 0.4901

Inverse Universe

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



43.7979, 0.2460, 0.2287



35.7731, 0.2301, 0.2038



44.1347, 0.2702, 0.2230



17.7161, 0.2979, 0.3073



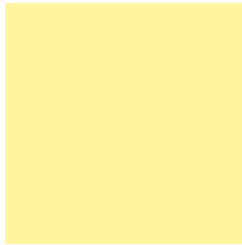
4.3515, 0.1523, 0.0682



0.5275, 0.1563, 0.0826

Previews

White Background



This preview shows how the Yxy color 88.4994, 0.3726, 0.4125 looks on a white background.

Color Contrast Check

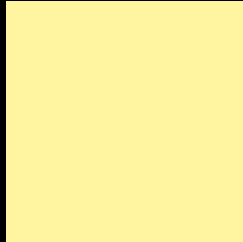
Large Text (above 18pt) WCAG AA × Fail

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 88.4994, 0.3726, 0.4125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

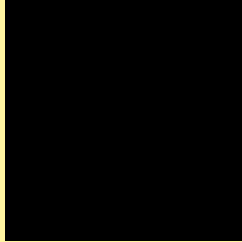
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.4994, 0.3726, 0.4125

Background



This preview shows how black text looks on a background with the Yxy color 88.4994, 0.3726, 0.4125.

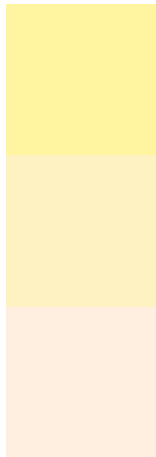


This preview shows how white text looks on a background with the Yxy color 88.4994, 0.3726, 0.4125.

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

88.4994, 0.3726, 0.4125

Protanopia

88.6593, 0.3518, 0.3770

Deuteranopia

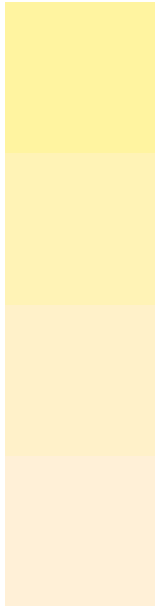
88.4292, 0.3323, 0.3429



Tritanopia

88.5438, 0.3185, 0.3193

Trichromacy



Original Color

88.4994, 0.3726, 0.4125

Protanomaly

88.7386, 0.3592, 0.3900

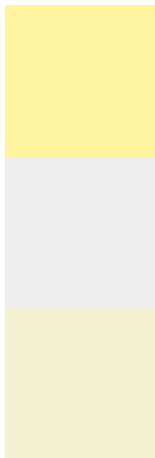
Deuteranomaly

88.3876, 0.3475, 0.3690

Tritanomaly

88.4865, 0.3386, 0.3539

Monochromacy



Original Color

88.4994, 0.3726, 0.4125

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.2064, 0.3342, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4994, 0.3726, 0.4125 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, 244, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 160)  
}
```

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, 244, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 160) }
```

Border

The CSS property to change the border of an element to Yxy 88.4994, 0.3726, 0.4125 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, 244, 160) }
```

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

```
.border{ border-color:rgb(255, 244, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4994, 0.3726, 0.4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 160) }
```

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

```
.background{ background-color: rgb(255,  
244, 160) }
```

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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