

Converting Colors

$Y_{xy}(126.9955, 0.4323, 0.3661)$

Have a look what the booklet for
Yxy(126.9955, 0.4323, 0.3661)
contains.

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Color

Yxy(93.7084, 0.3476, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAC6
RGB	255, 250, 198
RGB Percent	100%, 98%, 78%
CMY	0.0000, 0.0196, 0.2235
CMYK	0.00, 0.02, 0.22, 0.00
HSL	55°, 100%, 89%
HSV	55°, 22%, 100%
XYZ	85.6284, 93.7084, 67.0050
YIQ	245.5670, 19.6720, -15.1120

Conversions

Conversions Part 2

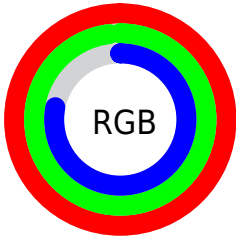
Format	Color
R_{YB}	203, 255, 198
Decimal	16775878
CIE _{Lab}	97.51, -6.38, 25.60
CIE _{LCh}	98, 26.381, 103.994
Yxy	93.7084, 0.3476, 0.3804
Android (android.graphics.Color)	4294965958 (0xFFFFFAC6)
YUV	245.5670, -23.4505, 8.2727
Hunter-Lab	96.8031, -11.5110, 26.7229

Details

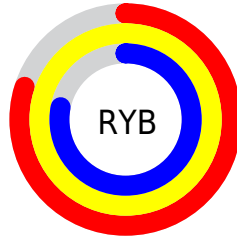
The Yxy color **93.7084, 0.3476, 0.3804** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.9455, 0.2751, 0.2718**, and the grayscale version is **91.9699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.6030, 0.3547, 0.3918** is the 20% darker color. If you saturate the color by 10%, you get **91.2434, 0.3638, 0.4037**, and if you desaturate by 10%, it is **96.3836, 0.3316, 0.3570**.

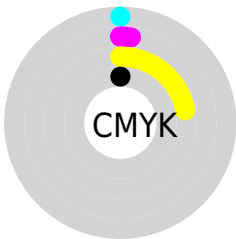
Distribution



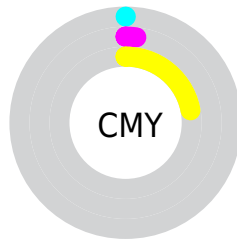
- Red (100%)
- Green (98%)
- Blue (78%)



- Red (80%)
- Yellow (100%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (22%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.7084, 0.3476, 0.3804 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 93.7084, 0.3476, 0.3804 by changing the saturation by 10% instead.


 93.7084, 0.3476,
0.3804

 93.7084, 0.3476,
0.3804


540.0217, 0.3324,
0.3575

 71.0604, 0.3508,
0.3854


152.4790, 0.3425,
0.3726

 52.3915, 0.3547,
0.3915


189.3704, 0.3405,
0.3695

 37.3172, 0.3595,
0.3990


231.7785, 0.3387,
0.3669

 25.4532, 0.3653,
0.4086

280.0875, 0.3372,
0.3645

 16.4150, 0.3728,
0.4210

334.6820, 0.3358,
0.3625

 9.8183, 0.3825,
0.4377

395.9463, 0.3345,

 5.2787, 0.3952,

0.3606

0.4612

464.2647, 0.3334,
0.3590

■ 2.4117, 0.4228,
0.5093

■ 0.8319, 0.4329,
0.5671

■ 93.7084, 0.3476,
0.3804

■ 93.7084, 0.3476,
0.3804

■ 91.2434, 0.3638,
0.4037

■ 96.3836, 0.3316,
0.3570

■ 88.9852, 0.3797,
0.4260

■ 99.2850, 0.3162,
0.3342

■ 86.9208, 0.3946,
0.4463

100.0000, 0.3127,
0.3290

■ 85.0384, 0.4080,
0.4637

■ 83.3246, 0.4191,
0.4772

■ 81.7639, 0.4275,
0.4864

■ 80.3377, 0.4332,
0.4910

■ 79.3164, 0.4359,
0.4921

Harmonies

Analogous

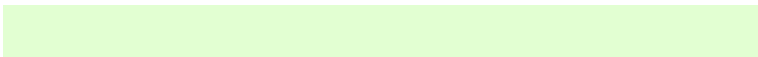
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7084, 0.3664, 0.3688



93.7084, 0.3476, 0.3804



93.7084, 0.3199, 0.3774

Triad

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



93.7084, 0.3476, 0.3804



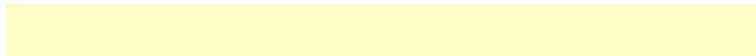
93.7084, 0.2583, 0.3060



93.7084, 0.3331, 0.3011

Complementary

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



93.7084, 0.3476, 0.3804



61.9455, 0.2751, 0.2718

Split Complementary

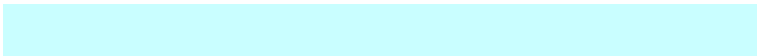
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.7084, 0.3034, 0.2858



93.7084, 0.3476, 0.3804



93.7084, 0.2613, 0.2875

Square

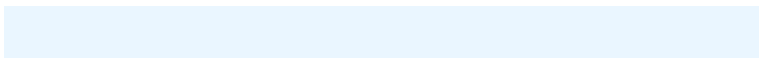
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.7084, 0.3476, 0.3804



93.7084, 0.2690, 0.3325



93.7084, 0.2774, 0.2807



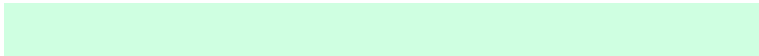
93.7084, 0.3581, 0.3233

Rectangle

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



93.7084, 0.3476, 0.3804



93.7084, 0.3004, 0.3669



93.7084, 0.2774, 0.2807



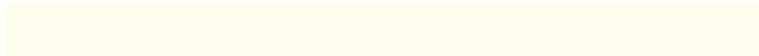
93.7084, 0.3232, 0.2951

Sweetspot

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



93.7062, 0.3476, 0.3804



97.9072, 0.3233, 0.3447



65.9982, 0.3541, 0.3233



20.9187, 0.3242, 0.3461



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

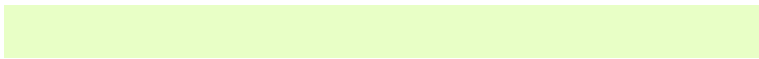
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7062, 0.3476, 0.3804



92.5347, 0.3551, 0.3913



92.7876, 0.3315, 0.3878



20.8018, 0.3271, 0.3505



41.5576, 0.4356, 0.4923



4.1231, 0.4335, 0.4940

Inverse Universe

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



61.9455, 0.2751, 0.2718



55.4632, 0.2662, 0.2580



62.9542, 0.2905, 0.2689



17.6340, 0.2979, 0.3066



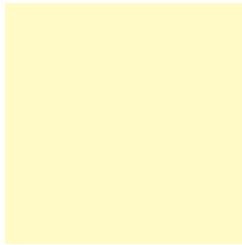
4.1671, 0.1516, 0.0656



0.4888, 0.1548, 0.0773

Previews

White Background



This preview shows how the Yxy color 93.7084, 0.3476, 0.3804 looks on a white background.

Color Contrast Check

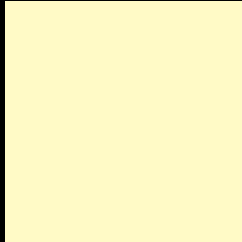
Large Text (above 18pt) WCAG AA × Fail

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 93.7084, 0.3476, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

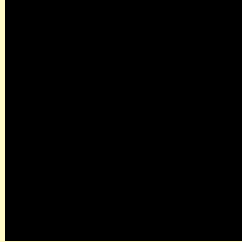
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.7084, 0.3476, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 93.7084, 0.3476, 0.3804.

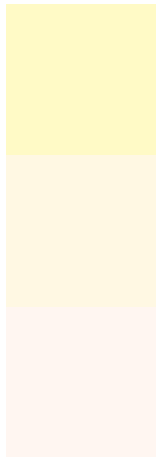


This preview shows how white text looks on a background with the Yxy color 93.7084, 0.3476, 0.3804.

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

93.7084, 0.3476, 0.3804

Protanopia

93.9409, 0.3300, 0.3496

Deuteranopia

93.5224, 0.3216, 0.3339



Tritanopia

93.7206, 0.3138, 0.3204

Trichromacy



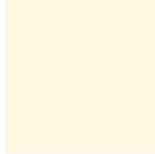
Original Color

93.7084, 0.3476, 0.3804



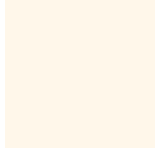
Protanomaly

93.9692, 0.3366, 0.3615



Deuteranomaly

93.2178, 0.3313, 0.3506



Tritanomaly

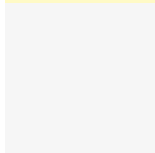
93.7220, 0.3257, 0.3417

Monochromacy



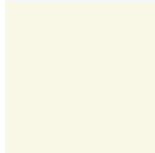
Original Color

93.7084, 0.3476, 0.3804



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

92.3184, 0.3249, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7084, 0.3476, 0.3804 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, 250, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 198)  
}
```

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, 250, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 198) }
```

Border

The CSS property to change the border of an element to Yxy 93.7084, 0.3476, 0.3804 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, 250, 198) }
```

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

```
.border{ border-color:rgb(255, 250, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7084, 0.3476, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 198) }
```

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

```
.background{ background-color: rgb(255,  
250, 198) }
```

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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