

Converting Colors

Yxy(91.4045, 0.3446, 0.3705)

Have a look what the booklet for
Yxy(91.4045, 0.3446, 0.3705)
contains.

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Color

Yxy(91.5312, 0.3446, 0.3707)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6CC
RGB	255, 246, 204
RGB Percent	100%, 96%, 80%
CMY	0.0001, 0.0352, 0.2001
CMYK	0.00, 0.04, 0.20, 0.00
HSL	49°, 100%, 90%
HSV	49°, 20%, 100%
XYZ	85.0867, 91.5312, 70.2966
YIQ	243.9030, 18.8460, -11.1540

Conversions

Conversions Part 2

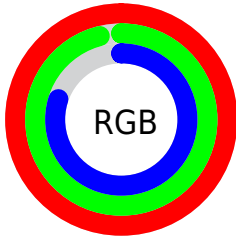
Format	Color
R _Y B	215, 255, 204
Decimal	16774860
CIE Lab	96.63, -3.58, 21.33
CIE LCh	97, 21.628, 99.530
Yxy	91.5312, 0.3446, 0.3707
Android (android.graphics.Color)	4294964940 (0xFFFFF6CC)
YUV	243.9030, -19.6722, 9.7321
Hunter-Lab	95.6719, -8.6753, 23.4060

Details

The Yxy color **91.5312, 0.3446, 0.3707** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.6139, 0.2798, 0.2835**, and the grayscale version is **90.5337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0347, 0.3511, 0.3796** is the 20% darker color. If you saturate the color by 10%, you get **87.7167, 0.3618, 0.3921**, and if you desaturate by 10%, it is **95.6200, 0.3281, 0.3495**.

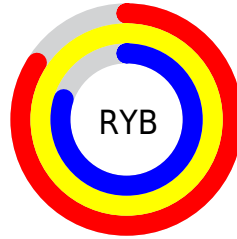
Distribution



Red (100%)

Green (96%)

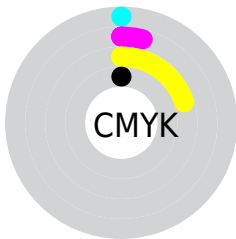
Blue (80%)



Red (84%)

Yellow (100%)

Blue (80%)

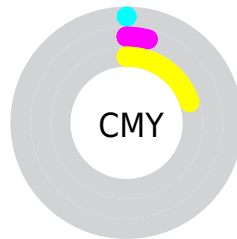


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.5312, 0.3446, 0.3707 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 91.5312, 0.3446, 0.3707 by changing the saturation by 10% instead.


 91.5312, 0.3446,
0.3707

 91.5312, 0.3446,
0.3707


532.9993, 0.3306,
0.3521

 69.2513, 0.3476,
0.3748

149.4635, 0.3399,
0.3644

 50.9164, 0.3513,
0.3797


185.8847, 0.3380,
0.3619

 36.1421, 0.3558,
0.3859

227.7884, 0.3363,
0.3597

 24.5440, 0.3615,
0.3937

275.5591, 0.3349,
0.3578

 15.7376, 0.3688,
0.4039

329.5811, 0.3336,
0.3561

 9.3387, 0.3786,
0.4178

390.2389, 0.3325,

 4.9627, 0.3921,

0.3546

0.4376

457.9168, 0.3315,
0.3533

■ 2.2254, 0.4169,
0.4739

■ 0.7338, 0.4540,
0.5460

■ 91.5312, 0.3446,
0.3707

■ 91.5312, 0.3446,
0.3707

■ 87.7167, 0.3618,
0.3921

■ 95.6200, 0.3281,
0.3495

■ 84.1539, 0.3793,
0.4131

99.9803, 0.3127,
0.3290

■ 80.8360, 0.3966,
0.4325

99.9958, 0.3127,
0.3290

■ 77.7510, 0.4128,
0.4495

■ 74.8853, 0.4273,
0.4630

■ 72.2239, 0.4393,
0.4722

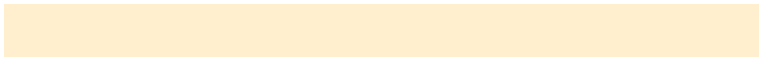
■ 69.7485, 0.4485,
0.4767

■ 67.4300, 0.4550,
0.4770

Harmonies

Analogous

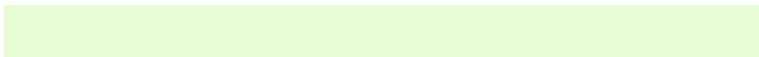
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5312, 0.3584, 0.3600



91.5312, 0.3446, 0.3707



91.5312, 0.3225, 0.3699

Triad

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



91.5312, 0.3446, 0.3707



91.5312, 0.2680, 0.3132



91.5312, 0.3260, 0.3034

Complementary

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



91.5312, 0.3446, 0.3707



67.6139, 0.2798, 0.2835

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.



91.5312, 0.3015, 0.2917



91.5312, 0.3446, 0.3707



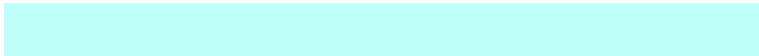
91.5312, 0.2688, 0.2965

Square

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



91.5312, 0.3446, 0.3707



91.5312, 0.2787, 0.3355



91.5312, 0.2808, 0.2890



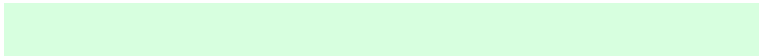
91.5312, 0.3476, 0.3214

Rectangle

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



91.5312, 0.3446, 0.3707



91.5312, 0.3062, 0.3624



91.5312, 0.2808, 0.2890



91.5312, 0.3179, 0.2987

Sweetspot

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



91.5353, 0.3446, 0.3707



97.3497, 0.3218, 0.3412



69.2537, 0.3455, 0.3196



20.7764, 0.3229, 0.3425



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

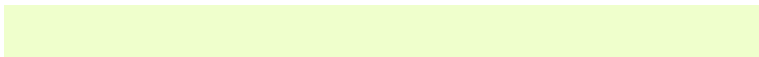
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.5353, 0.3446, 0.3707



89.9942, 0.3514, 0.3793



94.1858, 0.3323, 0.3808



20.5155, 0.3274, 0.3484



35.4387, 0.4543, 0.4775



3.5866, 0.4496, 0.4812

Inverse Universe

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



67.6139, 0.2798, 0.2835



62.1136, 0.2725, 0.2731



65.6315, 0.2902, 0.2753



17.8937, 0.2979, 0.3088



4.8947, 0.1543, 0.0756



0.6114, 0.1594, 0.0937

Previews

White Background



This preview shows how the Yxy color 91.5312, 0.3446, 0.3707 looks on a white background.

Color Contrast Check

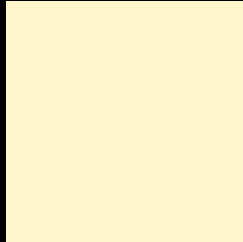
Large Text (above 18pt) WCAG AA × Fail

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 91.5312, 0.3446, 0.3707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

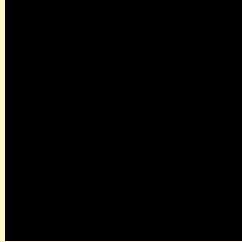
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.5312, 0.3446, 0.3707

Background



This preview shows how black text looks on a background with the Yxy color 91.5312, 0.3446, 0.3707.



This preview shows how white text looks on a background with the Yxy color 91.5312, 0.3446, 0.3707.

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

91.5312, 0.3446, 0.3707

Protanopia

91.5746, 0.3366, 0.3567

Deuteranopia

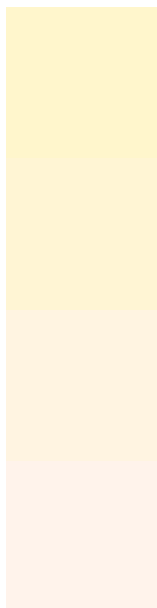
91.4756, 0.3243, 0.3349



Tritanopia

91.7925, 0.3151, 0.3194

Trichromacy



Original Color

91.5312, 0.3446, 0.3707

Protanomaly

91.3183, 0.3397, 0.3617

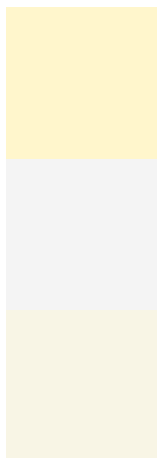
Deuteranomaly

91.3976, 0.3317, 0.3477

Tritanomaly

91.3593, 0.3255, 0.3368

Monochromacy



Original Color

91.5312, 0.3446, 0.3707

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.9184, 0.3244, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.5312, 0.3446, 0.3707 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, 246, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 204)  
}
```

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, 246, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 204) }
```

Border

The CSS property to change the border of an element to Yxy 91.5312, 0.3446, 0.3707 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, 246, 204) }
```

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

```
.border{ border-color:rgb(255, 246, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 91.5312, 0.3446, 0.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 204) }
```

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

```
.background{ background-color: rgb(255,  
246, 204) }
```

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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