

Converting Colors

$Yxy(91.1470, 0.3497, 0.3858)$

Have a look what the booklet for
Yxy(91.1470, 0.3497, 0.3858)
contains.

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Color

Yxy(91.4056, 0.3496, 0.3861)

Conversions

Conversions Part 1

Format	Color
Hex	FBF8BF
RGB	251, 248, 191
RGB Percent	98%, 97%, 75%
CMY	0.0155, 0.0275, 0.2510
CMYK	0.00, 0.01, 0.24, 0.02
HSL	57°, 88%, 87%
HSV	57°, 24%, 98%
XYZ	82.7646, 91.4056, 62.5706
YIQ	242.3990, 20.0850, -17.0910

Conversions

Conversions Part 2

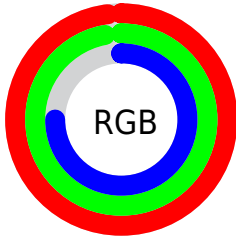
Format	Color
RYB	194, 251, 191
Decimal	16513215
CIELab	96.58, -7.78, 27.82
CIELCh	97, 28.889, 105.629
Yxy	91.4056, 0.3496, 0.3861
Android (android.graphics.Color)	4294703295 (0xFFFBF8BF)
YUV	242.3990, -25.3397, 7.5431
Hunter-Lab	95.6063, -12.7869, 28.1214

Details

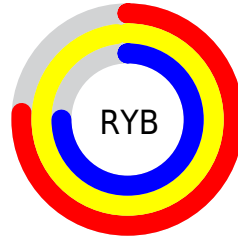
The Yxy color **91.4056, 0.3496, 0.3861** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.6462, 0.2720, 0.2647**, and the grayscale version is **89.3246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **50.9748, 0.3572, 0.3992** is the 20% darker color. If you saturate the color by 10%, you get **89.6182, 0.3653, 0.4100**, and if you desaturate by 10%, it is **93.3959, 0.3339, 0.3619**.

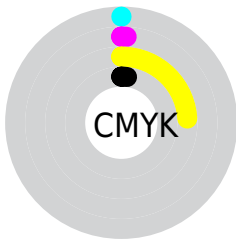
Distribution



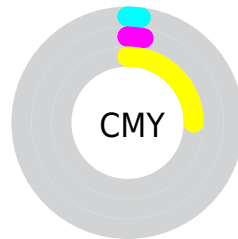
- Red (98%)
- Green (97%)
- Blue (75%)



- Red (76%)
- Yellow (98%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (24%)
- Black (2%)





- Cyan (2%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4056, 0.3496, 0.3861 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 91.4056, 0.3496, 0.3861 by changing the saturation by 10% instead.


 91.4056, 0.3496,
0.3861

 91.4056, 0.3496,
0.3861


532.5927, 0.3335,
0.3605

 69.1470, 0.3530,
0.3917


 149.2893, 0.3442,
0.3774

 50.8315, 0.3571,
0.3986


185.6832, 0.3421,
0.3739

 36.0745, 0.3621,
0.4071


227.5577, 0.3402,
0.3710

 24.4917, 0.3682,
0.4178

275.2972, 0.3386,
0.3683

 15.6988, 0.3759,
0.4319

329.2860, 0.3371,
0.3660

 9.3113, 0.3858,
0.4508

389.9086, 0.3358,

 4.9448, 0.3983,

0.3640

0.4772

457.5494, 0.3346,
0.3621

■ 2.2149, 0.4389,
0.5479

■ 0.7281, 0.4081,
0.5919

■ 91.4056, 0.3496,
0.3861

■ 91.4056, 0.3496,
0.3861

■ 89.6182, 0.3653,
0.4100

■ 93.3959, 0.3339,
0.3619

■ 88.0118, 0.3804,
0.4327


■ 95.5858, 0.3185,
0.3381

■ 86.5800, 0.3943,
0.4531


■ 97.2377, 0.3104,
0.3259

■ 85.3111, 0.4063,
0.4703

■ 98.0382, 0.3103,
0.3272


 84.1921, 0.4159,
0.4836

 98.8441, 0.3103,
0.3284

 83.2078, 0.4228,
0.4924

 99.2560, 0.3103,
0.3290

 82.3397, 0.4270,
0.4968

 81.8521, 0.4286,
0.4979

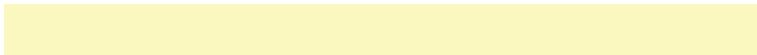
Harmonies

Analogous

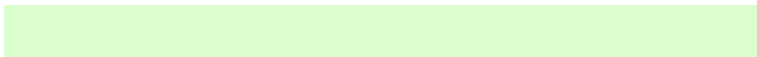
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4056, 0.3712, 0.3737



91.4056, 0.3496, 0.3861



91.4056, 0.3187, 0.3821

Triad

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



91.4056, 0.3496, 0.3861



91.4056, 0.2527, 0.3020



91.4056, 0.3368, 0.2995

Complementary

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



91.4056, 0.3496, 0.3861



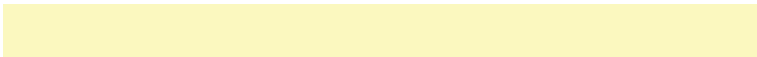
56.6462, 0.2720, 0.2647

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.



91.4056, 0.3040, 0.2823



91.4056, 0.3496, 0.3861



91.4056, 0.2568, 0.2825

Square

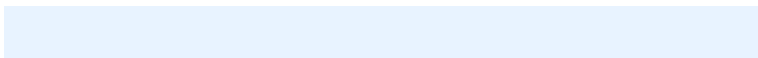
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



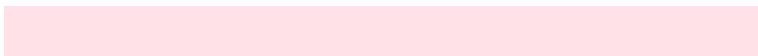
91.4056, 0.3496, 0.3861



91.4056, 0.2635, 0.3310



91.4056, 0.2751, 0.2759



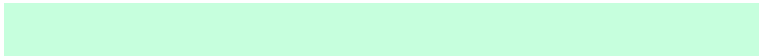
91.4056, 0.3640, 0.3240

Rectangle

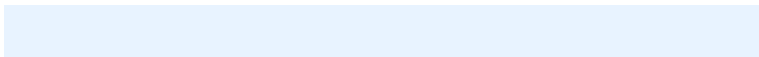
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.4056, 0.3496, 0.3861



91.4056, 0.2973, 0.3698



91.4056, 0.2751, 0.2759



91.4056, 0.3260, 0.2928

Sweetspot

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



91.4097, 0.3496, 0.3861



98.3277, 0.3232, 0.3454



61.7185, 0.3595, 0.3249



21.0164, 0.3241, 0.3468



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

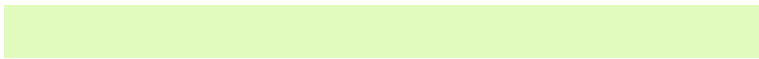
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4097, 0.3496, 0.3861



93.7516, 0.3577, 0.3984



88.7897, 0.3314, 0.3925



20.0311, 0.3270, 0.3513



43.0776, 0.4284, 0.4980



4.0347, 0.4273, 0.4990

Inverse Universe

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



56.6462, 0.2720, 0.2647



51.6623, 0.2619, 0.2486



58.9837, 0.2901, 0.2646



16.7839, 0.2979, 0.3057



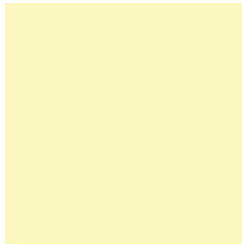
3.8686, 0.1509, 0.0631



0.4064, 0.1529, 0.0705

Previews

White Background



This preview shows how the Yxy color 91.4056, 0.3496, 0.3861 looks on a white background.

Color Contrast Check

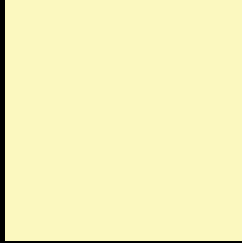
Large Text (above 18pt) WCAG AA × Fail

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 91.4056, 0.3496, 0.3861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

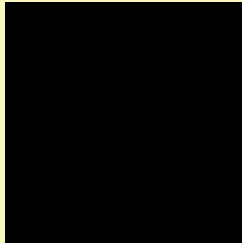
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.4056, 0.3496, 0.3861

Background



This preview shows how black text looks on a background with the Yxy color 91.4056, 0.3496, 0.3861.

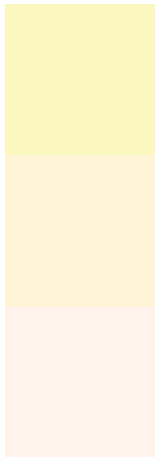


This preview shows how white text looks on a background with the Yxy color 91.4056, 0.3496, 0.3861.

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

91.4056, 0.3496, 0.3861

Protanopia

91.4199, 0.3385, 0.3597

Deuteranopia

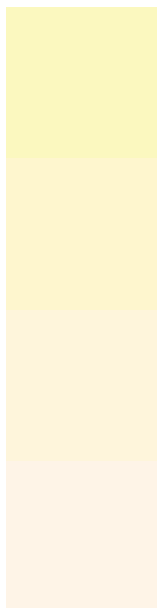
91.3593, 0.3255, 0.3368



Tritanopia

91.3264, 0.3140, 0.3165

Trichromacy



Original Color

91.4056, 0.3496, 0.3861

Protanomaly

91.4386, 0.3427, 0.3687

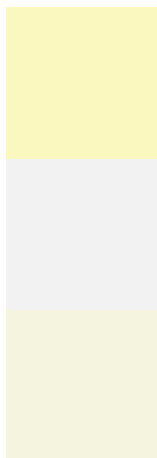
Deuteranomaly

91.4901, 0.3346, 0.3547

Tritanomaly

91.5417, 0.3272, 0.3418

Monochromacy



Original Color

91.4056, 0.3496, 0.3861

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.4416, 0.3262, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4056, 0.3496, 0.3861 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(251, 248, 191)` looks like.

```
.text, #text, p{  
    color:rgb(251, 248, 191)  
}
```

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(251, 248, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 248, 191) }
```

Border

The CSS property to change the border of an element to Yxy 91.4056, 0.3496, 0.3861 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(251, 248, 191) }
```

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

```
.border{ border-color:rgb(251, 248, 191) }
```

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

Here you see how a box with a 4 pixel rgb(251, 248, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 248, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 248, 191);  
box-shadow:4px 4px 4px 4px rgb(251, 248,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4056, 0.3496, 0.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 248, 191) }
```

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

```
.background{ background-color: rgb(251,  
248, 191) }
```

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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