

Converting Colors

$Y_{xy}(100.0000, 0.3841, 0.3790)$

Have a look what the booklet for
Yxy(100.0000, 0.3841, 0.3790)
contains.

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Color

Yxy(90.8892, 0.3534, 0.3847)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6BE
RGB	255, 246, 190
RGB Percent	100%, 96%, 75%
CMY	0.0000, 0.0353, 0.2548
CMYK	0.00, 0.04, 0.25, 0.00
HSL	52°, 100%, 87%
HSV	52°, 25%, 100%
XYZ	83.4943, 90.8892, 61.8765
YIQ	242.3070, 23.3400, -15.5080

Conversions

Conversions Part 2

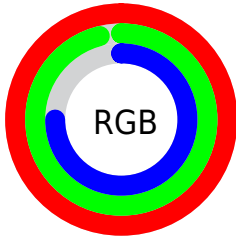
Format	Color
R_{YB}	200, 255, 190
Decimal	16774846
CIE _{Lab}	96.36, -5.47, 28.07
CIE _{LCh}	96, 28.599, 101.023
Yxy	90.8892, 0.3534, 0.3847
Android (android.graphics.Color)	4294964926 (0xFFFFF6BE)
YUV	242.3070, -25.7874, 11.1318
Hunter-Lab	95.3358, -10.5090, 28.2537

Details

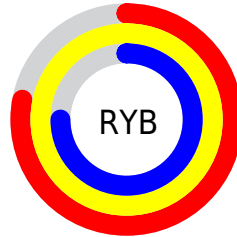
The Yxy color **90.8892, 0.3534, 0.3847** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.0332, 0.2695, 0.2664**, and the grayscale version is **89.2468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **50.6103, 0.3623, 0.3973** is the 20% darker color. If you saturate the color by 10%, you get **87.7445, 0.3703, 0.4067**, and if you desaturate by 10%, it is **94.2758, 0.3368, 0.3624**.

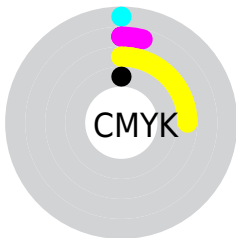
Distribution



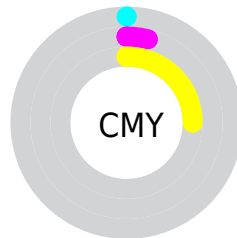
- Red (100%)
- Green (96%)
- Blue (75%)



- Red (78%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.8892, 0.3534, 0.3847 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 90.8892, 0.3534, 0.3847 by changing the saturation by 10% instead.


 90.8892, 0.3534,
0.3847

 90.8892, 0.3534,
0.3847

530.9192, 0.3356,
0.3598

 68.7184, 0.3572,
0.3902

 148.5729, 0.3474,
0.3762

 50.4824, 0.3618,
0.3968


184.8546, 0.3450,
0.3729

 35.7968, 0.3674,
0.4049


226.6087, 0.3430,
0.3700

 24.2773, 0.3743,
0.4152


274.2196, 0.3411,
0.3675

 15.5395, 0.3831,
0.4286

328.0717, 0.3395,
0.3652

 9.1989, 0.3943,
0.4466

388.5494, 0.3381,

 4.8711, 0.4089,

0.3632

0.4713

456.0371, 0.3368,
0.3614

■ 2.1718, 0.4563,
0.5412

■ 0.7046, 0.4321,
0.5679

■ 90.8892, 0.3534,
0.3847

■ 90.8892, 0.3534,
0.3847

■ 87.7445, 0.3703,
0.4067

■ 94.2758, 0.3368,
0.3624

■ 84.8224, 0.3870,
0.4277

■ 97.9051, 0.3210,
0.3406

■ 82.1145, 0.4028,
0.4465

100.0000, 0.3127,
0.3290

■ 79.6084, 0.4170,
0.4622

■ 77.2899, 0.4289,
0.4738

■ 75.1428, 0.4381,
0.4809

■ 73.1466, 0.4444,
0.4835

■ 72.2802, 0.4466,
0.4836

Harmonies

Analogous

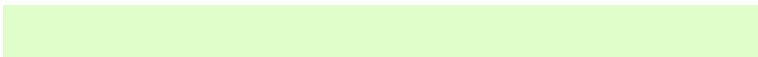
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8892, 0.3727, 0.3704



90.8892, 0.3534, 0.3847



90.8892, 0.3237, 0.3834

Triad

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



90.8892, 0.3534, 0.3847



90.8892, 0.2538, 0.3062



90.8892, 0.3318, 0.2966

Complementary

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



90.8892, 0.3534, 0.3847



59.0332, 0.2695, 0.2664

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.



90.8892, 0.2993, 0.2809



90.8892, 0.3534, 0.3847



90.8892, 0.2556, 0.2850

Square

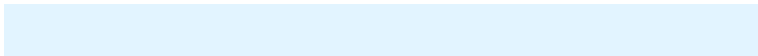
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.8892, 0.3534, 0.3847



90.8892, 0.2668, 0.3358



90.8892, 0.2718, 0.2765



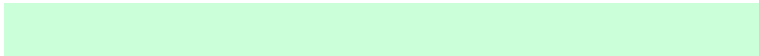
90.8892, 0.3602, 0.3200

Rectangle

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



90.8892, 0.3534, 0.3847



90.8892, 0.3022, 0.3728



90.8892, 0.2718, 0.2765



90.8892, 0.3209, 0.2903

Sweetspot

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



90.8922, 0.3534, 0.3847



96.9656, 0.3249, 0.3460



62.2617, 0.3590, 0.3190



20.6364, 0.3273, 0.3493



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

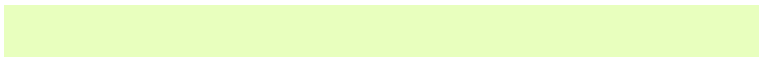
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.8922, 0.3534, 0.3847



89.1251, 0.3627, 0.3970



92.4389, 0.3361, 0.3962



20.6364, 0.3273, 0.3493



37.9334, 0.4461, 0.4840



3.8065, 0.4426, 0.4868

Inverse Universe

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



59.0332, 0.2695, 0.2664



51.9418, 0.2588, 0.2504



58.1740, 0.2844, 0.2591



17.7833, 0.2979, 0.3079



4.5332, 0.1530, 0.0707



0.5590, 0.1575, 0.0868

Previews

White Background



This preview shows how the Yxy color 90.8892, 0.3534, 0.3847 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 90.8892, 0.3534, 0.3847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

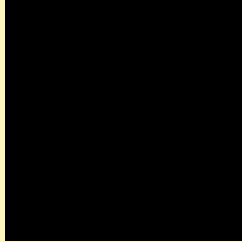
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.8892, 0.3534, 0.3847

Background



This preview shows how black text looks on a background with the Yxy color 90.8892, 0.3534, 0.3847.

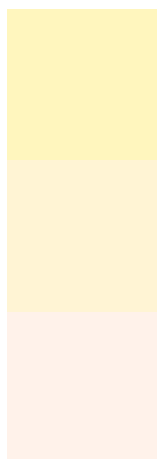


This preview shows how white text looks on a background with the Yxy color 90.8892, 0.3534, 0.3847.

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

90.8892, 0.3534, 0.3847

Protanopia

90.7148, 0.3399, 0.3607

Deuteranopia

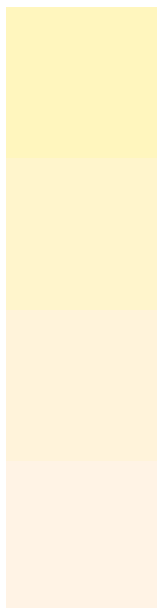
90.7048, 0.3262, 0.3369



Tritanopia

91.1356, 0.3158, 0.3194

Trichromacy



Original Color

90.8892, 0.3534, 0.3847

Protanomaly

90.9244, 0.3448, 0.3697

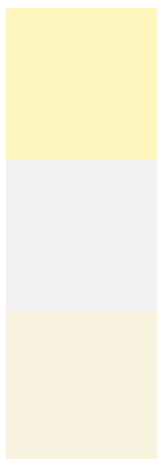
Deuteranomaly

90.4231, 0.3362, 0.3537

Tritanomaly

91.0183, 0.3293, 0.3428

Monochromacy



Original Color

90.8892, 0.3534, 0.3847

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.2031, 0.3276, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.8892, 0.3534, 0.3847 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 190) }
```

Border

The CSS property to change the border of an element to Yxy 90.8892, 0.3534, 0.3847 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, 190) }
```

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

```
.border{ border-color:rgb(255, 246, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 90.8892, 0.3534, 0.3847 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
246, 190) }
```

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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