

Converting Colors

$Y_{xy}(175.4067, 0.4919, 0.3589)$

Have a look what the booklet for
Yxy(175.4067, 0.4919, 0.3589)
contains.

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Color

Yxy(96.0838, 0.3486, 0.3871)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEC3
RGB	255, 254, 195
RGB Percent	100%, 100%, 76%
CMY	0.0000, 0.0039, 0.2354
CMYK	0.00, 0.00, 0.24, 0.00
HSL	59°, 100%, 88%
HSV	59°, 24%, 100%
XYZ	86.5275, 96.0838, 65.6031
YIQ	247.5730, 19.5350, -18.1370

Conversions

Conversions Part 2

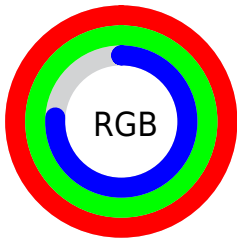
Format	Color
R _Y B	196, 255, 195
Decimal	16776899
CIE Lab	98.47, -8.79, 28.43
CIE LCh	98, 29.762, 107.188
Yxy	96.0838, 0.3486, 0.3871
Android (android.graphics.Color)	4294966979 (0xFFFFFEC3)
YUV	247.5730, -25.9185, 6.5135
Hunter-Lab	98.0223, -13.9713, 28.9348

Details

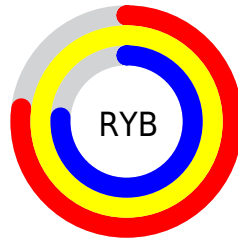
The Yxy color **96.0838, 0.3486, 0.3871** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.2813, 0.2725, 0.2634**, and the grayscale version is **93.7067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **53.8614, 0.3561, 0.3990** is the 20% darker color. If you saturate the color by 10%, you get **94.7676, 0.3639, 0.4117**, and if you desaturate by 10%, it is **97.6061, 0.3331, 0.3621**.

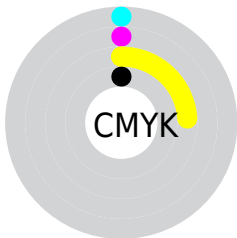
Distribution



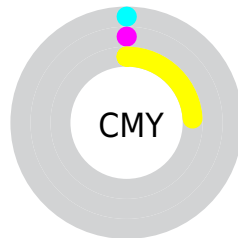
- Red (100%)
- Green (100%)
- Blue (76%)



- Red (77%)
- Yellow (100%)
- Blue (76%)



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




- Cyan (0%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.0838, 0.3486, 0.3871 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 96.0838, 0.3486, 0.3871 by changing the saturation by 10% instead.

 96.0838, 0.3486,
0.3871

 96.0838, 0.3486,
0.3871

547.6289, 0.3332,
0.3612

 73.0374, 0.3518,
0.3927

155.7611, 0.3435,
0.3783

 54.0065, 0.3557,
0.3996


193.1607, 0.3414,
0.3749

 38.6069, 0.3604,
0.4080


236.1135, 0.3396,
0.3718

 26.4540, 0.3661,
0.4187

285.0038, 0.3380,
0.3692

 17.1636, 0.3733,
0.4326

340.2161, 0.3366,
0.3669

 10.3512, 0.3824,
0.4511

402.1348, 0.3353,

 5.6324, 0.3937,

0.3648

0.4769

471.1443, 0.3342,
0.3629

■ 2.6229, 0.4205,
0.5313

■ 0.9382, 0.4188,
0.5812

■ 96.0838, 0.3486,
0.3871

■ 96.0838, 0.3486,
0.3871

■ 94.7676, 0.3639,
0.4117

■ 97.6061, 0.3331,
0.3621


■ 93.6347, 0.3784,
0.4350

■ 99.3309, 0.3179,
0.3375

■ 92.6784, 0.3916,
0.4560

99.9982, 0.3127,
0.3290

■ 91.8868, 0.4028,
0.4737

 91.2462, 0.4115,
0.4873

 90.7412, 0.4176,
0.4966

 90.3526, 0.4211,
0.5015

 90.1456, 0.4222,
0.5029

Harmonies

Analogous

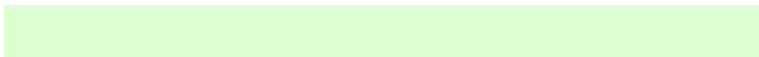
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.0838, 0.3712, 0.3753



96.0838, 0.3486, 0.3871



96.0838, 0.3171, 0.3821

Triad

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



96.0838, 0.3486, 0.3871



96.0838, 0.2517, 0.3003



96.0838, 0.3388, 0.3003

Complementary

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



96.0838, 0.3486, 0.3871



58.2813, 0.2725, 0.2634

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.



96.0838, 0.3056, 0.2824



96.0838, 0.3486, 0.3871



96.0838, 0.2567, 0.2812

Square

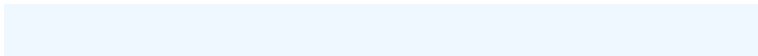
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.0838, 0.3486, 0.3871



96.0838, 0.2620, 0.3293



96.0838, 0.2759, 0.2753



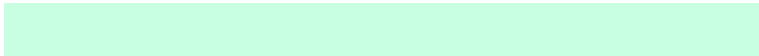
96.0838, 0.3658, 0.3253

Rectangle

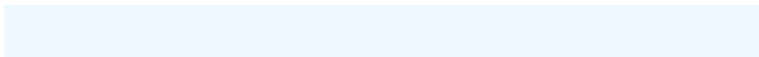
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.0838, 0.3486, 0.3871



96.0838, 0.2955, 0.3691



96.0838, 0.2759, 0.2753



96.0838, 0.3279, 0.2933

Sweetspot

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



96.0881, 0.3486, 0.3871



98.7175, 0.3232, 0.3459



64.2649, 0.3610, 0.3281



21.1070, 0.3241, 0.3474



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

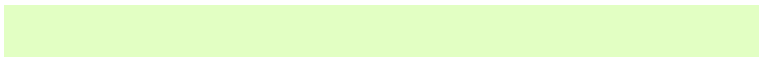
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.0881, 0.3486, 0.3871



95.4827, 0.3555, 0.3982



91.6197, 0.3291, 0.3918



21.0368, 0.3270, 0.3521



47.1302, 0.4222, 0.5030



4.6045, 0.4218, 0.5033

Inverse Universe

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



58.2813, 0.2725, 0.2634



51.9608, 0.2636, 0.2490



62.0864, 0.2927, 0.2660



17.4252, 0.2978, 0.3048



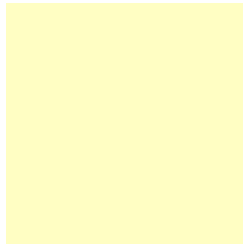
3.8404, 0.1503, 0.0610



0.3899, 0.1509, 0.0633

Previews

White Background



This preview shows how the Yxy color 96.0838, 0.3486, 0.3871 looks on a white background.

Color Contrast Check

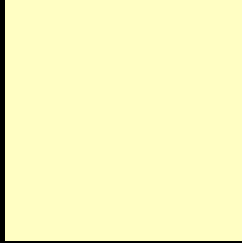
Large Text (above 18pt) WCAG AA × Fail

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 96.0838, 0.3486, 0.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

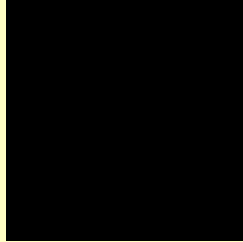
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.0838, 0.3486, 0.3871

Background



This preview shows how black text looks on a background with the Yxy color 96.0838, 0.3486, 0.3871.



This preview shows how white text looks on a background with the Yxy color 96.0838, 0.3486, 0.3871.

Color Blindness Simulation

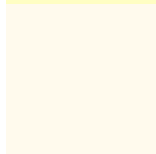
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



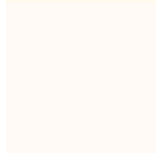
Original Color

96.0838, 0.3486, 0.3871



Protanopia

95.7456, 0.3236, 0.3416



Deuteranopia

96.2850, 0.3183, 0.3329

Tritanopia

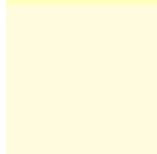
96.2314, 0.3130, 0.3233

Trichromacy



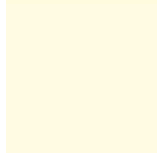
Original Color

96.0838, 0.3486, 0.3871



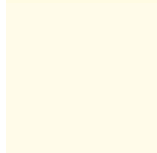
Protanomaly

95.5283, 0.3327, 0.3574



Deuteranomaly

95.8004, 0.3296, 0.3524



Tritanomaly

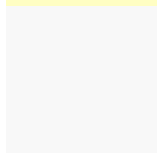
96.1376, 0.3260, 0.3465

Monochromacy



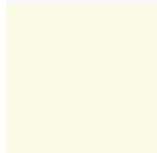
Original Color

96.0838, 0.3486, 0.3871



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.5376, 0.3259, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.0838, 0.3486, 0.3871 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, 254, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 195)  
}
```

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, 254, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 195) }
```

Border

The CSS property to change the border of an element to Yxy 96.0838, 0.3486, 0.3871 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, 254, 195) }
```

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

```
.border{ border-color:rgb(255, 254, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 96.0838, 0.3486, 0.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 195) }
```

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

```
.background{ background-color: rgb(255,  
254, 195) }
```

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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