

Converting Colors

$Y_{xy}(111.1507, 0.3936, 0.3764)$

Have a look what the booklet for
Yxy(111.1507, 0.3936, 0.3764)
contains.

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Color

Yxy(96.1748, 0.3474, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	FFFE C5
RGB	255, 254, 197
RGB Percent	100%, 100%, 77%
CMY	0.0000, 0.0039, 0.2275
CMYK	0.00, 0.00, 0.23, 0.00
HSL	59°, 100%, 89%
HSV	59°, 23%, 100%
XYZ	86.7596, 96.1748, 66.8054
YIQ	247.8010, 18.8930, -17.5150

Conversions

Conversions Part 2

Format	Color
R _Y B	198, 255, 197
Decimal	16776901
CIE Lab	98.50, -8.52, 27.47
CIE LCh	99, 28.760, 107.228
Yxy	96.1748, 0.3474, 0.3851
Android (android.graphics.Color)	4294966981 (0xFFFFFEC5)
YUV	247.8010, -25.0449, 6.3135
Hunter-Lab	98.0688, -13.7047, 28.2592

Details

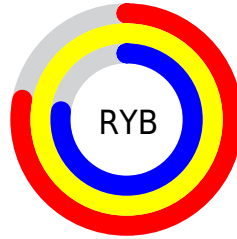
The Yxy color **96.1748, 0.3474, 0.3851** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.4683, 0.2740, 0.2660**, and the grayscale version is **93.8963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **53.9214, 0.3545, 0.3965** is the 20% darker color. If you saturate the color by 10%, you get **94.8295, 0.3627, 0.4098**, and if you desaturate by 10%, it is **97.7253, 0.3319, 0.3601**.

Distribution



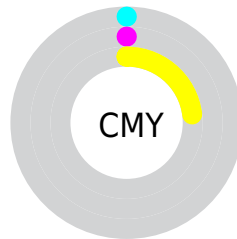
- Red (100%)
- Green (100%)
- Blue (77%)



- Red (78%)
- Yellow (100%)
- Blue (77%)



- Cyan (0%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.1748, 0.3474, 0.3851 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 96.1748, 0.3474, 0.3851 by changing the saturation by 10% instead.


 96.1748, 0.3474,
0.3851

 96.1748, 0.3474,
0.3851


547.9192, 0.3325,
0.3601

 73.1132, 0.3505,
0.3906


155.8866, 0.3424,
0.3766

 54.0685, 0.3543,
0.3972


193.3056, 0.3404,
0.3733

 38.6564, 0.3589,
0.4053


236.2792, 0.3387,
0.3704

 26.4925, 0.3645,
0.4157

285.1917, 0.3372,
0.3678

 17.1925, 0.3715,
0.4291

340.4275, 0.3358,
0.3656

 10.3718, 0.3804,
0.4471


402.3711, 0.3346,


 5.6462, 0.3917,

0.3635

0.4723

471.4069, 0.3335,
0.3617


 2.6312, 0.4160,
0.5225


 0.9423, 0.4215,
0.5785


 96.1748, 0.3474,
0.3851


 96.1748, 0.3474,
0.3851

 94.8295, 0.3627,
0.4098


 97.7253, 0.3319,
0.3601

 93.6692, 0.3773,
0.4332

 99.4799, 0.3168,
0.3356

 92.6865, 0.3907,
0.4544

100.0000, 0.3127,
0.3290

 91.8695, 0.4020,
0.4723

■ 91.2049, 0.4110,
0.4863

■ 90.6771, 0.4173,
0.4959

■ 90.2674, 0.4210,
0.5011

■ 90.0245, 0.4224,
0.5028

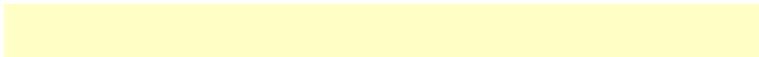
Harmonies

Analogous

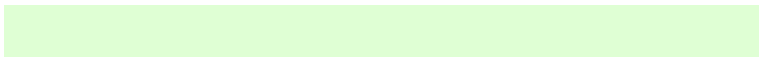
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.1748, 0.3692, 0.3738



96.1748, 0.3474, 0.3851



96.1748, 0.3169, 0.3802

Triad

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



96.1748, 0.3474, 0.3851



96.1748, 0.2537, 0.3013



96.1748, 0.3380, 0.3013

Complementary

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



96.1748, 0.3474, 0.3851



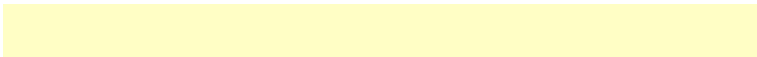
59.4683, 0.2740, 0.2660

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.



96.1748, 0.3059, 0.2839



96.1748, 0.3474, 0.3851



96.1748, 0.2585, 0.2828

Square

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



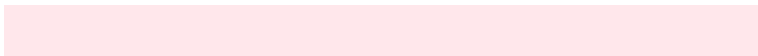
96.1748, 0.3474, 0.3851



96.1748, 0.2636, 0.3293



96.1748, 0.2772, 0.2770



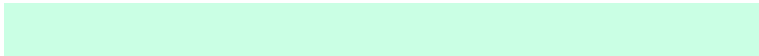
96.1748, 0.3640, 0.3255

Rectangle

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



96.1748, 0.3474, 0.3851



96.1748, 0.2961, 0.3676



96.1748, 0.2772, 0.2770



96.1748, 0.3275, 0.2945

Sweetspot

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



96.1782, 0.3474, 0.3851



98.7083, 0.3232, 0.3459



65.3067, 0.3582, 0.3271



21.1048, 0.3241, 0.3474



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

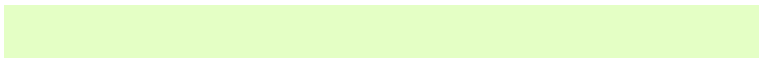
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.1782, 0.3474, 0.3851



95.5813, 0.3540, 0.3957



92.0328, 0.3293, 0.3894



21.0342, 0.3270, 0.3521



47.0641, 0.4223, 0.5029



4.5989, 0.4220, 0.5032

Inverse Universe

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



59.4683, 0.2740, 0.2660



53.3585, 0.2656, 0.2523



63.0038, 0.2927, 0.2682



17.4276, 0.2978, 0.3048



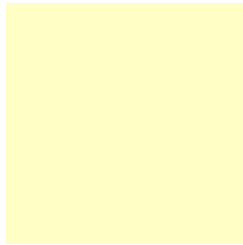
3.8437, 0.1503, 0.0610



0.3910, 0.1510, 0.0635

Previews

White Background



This preview shows how the Yxy color 96.1748, 0.3474, 0.3851 looks on a white background.

Color Contrast Check

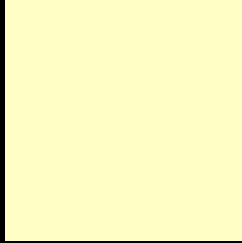
Large Text (above 18pt) WCAG AA × Fail

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 96.1748, 0.3474, 0.3851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

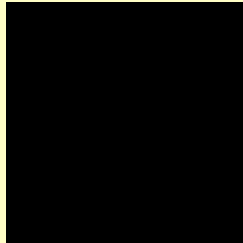
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.1748, 0.3474, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 96.1748, 0.3474, 0.3851.

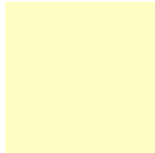


This preview shows how white text looks on a background with the Yxy color 96.1748, 0.3474, 0.3851.

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

96.1748, 0.3474, 0.3851

Protanopia

96.4274, 0.3230, 0.3416

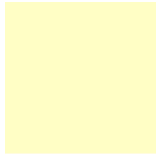
Deuteranopia

96.2850, 0.3183, 0.3329

Tritanopia

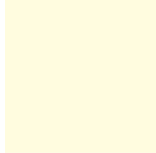
96.2314, 0.3130, 0.3233

Trichromacy



Original Color

96.1748, 0.3474, 0.3851



Protanomaly

96.2085, 0.3319, 0.3573



Deuteranomaly

95.8558, 0.3290, 0.3514



Tritanomaly

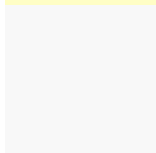
96.1949, 0.3254, 0.3455

Monochromacy



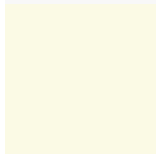
Original Color

96.1748, 0.3474, 0.3851



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 96.1748, 0.3474, 0.3851 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 197) }
```

Border

The CSS property to change the border of an element to Yxy 96.1748, 0.3474, 0.3851 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, 197) }
```

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

```
.border{ border-color:rgb(255, 254, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 96.1748, 0.3474, 0.3851 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, 197) }
```

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

```
.background{ background-color: rgb(255,  
254, 197) }
```

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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