

Converting Colors

Yxy(96.8164, 0.3443, 0.3823)

Have a look what the booklet for
Yxy(96.8164, 0.3443, 0.3823)
contains.

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Color

Yxy(96.8079, 0.3441, 0.3821)

Conversions

Conversions Part 1

Format	Color
Hex	FEFFC9
RGB	254, 255, 201
RGB Percent	100%, 100%, 79%
CMY	0.0039, 0.0000, 0.2116
CMYK	0.00, 0.00, 0.21, 0.00
HSL	61°, 100%, 89%
HSV	61°, 21%, 100%
XYZ	87.1803, 96.8079, 69.3693
YIQ	248.5450, 16.7380, -17.0060

Conversions

Conversions Part 2

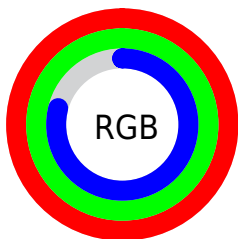
Format	Color
R _Y B	201, 255, 202
Decimal	16711625
CIE Lab	98.75, -8.82, 25.75
CIE LCh	99, 27.222, 108.896
Yxy	96.8079, 0.3441, 0.3821
Android (android.graphics.Color)	4294901705 (0xFFFEFFC9)
YUV	248.5450, -23.4397, 4.7840
Hunter-Lab	98.3910, -14.0226, 27.0721

Details

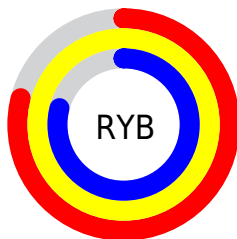
The Yxy color **96.8079, 0.3441, 0.3821** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.5700, 0.2776, 0.2700**, and the grayscale version is **94.5283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.3651, 0.3504, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **95.6198, 0.3590, 0.4074**, and if you desaturate by 10%, it is **98.2011, 0.3291, 0.3567**.

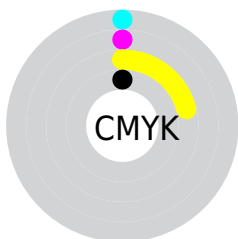
Distribution



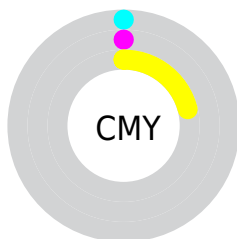
- Red (100%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.8079, 0.3441, 0.3821 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 96.8079, 0.3441, 0.3821 by changing the saturation by 10% instead.


 96.8079, 0.3441,
0.3821

 96.8079, 0.3441,
0.3821


549.9367, 0.3306,
0.3585

 73.6406, 0.3469,
0.3873


156.7599, 0.3396,
0.3741

 54.4999, 0.3503,
0.3935


194.3135, 0.3378,
0.3709

 39.0015, 0.3545,
0.4013


237.4312, 0.3362,
0.3682

 26.7609, 0.3595,
0.4111

286.4975, 0.3348,
0.3657

 17.3937, 0.3659,
0.4239

341.8969, 0.3336,
0.3636

 10.5156, 0.3741,
0.4412

404.0136, 0.3325,

 5.7421, 0.3846,

0.3617

0.4656

473.2321, 0.3315,
0.3600

■ 2.6889, 0.4036,
0.5093

■ 0.9716, 0.4208,
0.5792

■ 96.8079, 0.3441,
0.3821

■ 96.8079, 0.3441,
0.3821

■ 95.6198, 0.3590,
0.4074

■ 98.2011, 0.3291,
0.3567

■ 94.6184, 0.3731,
0.4316

■ 99.8001, 0.3144,
0.3318

■ 93.7961, 0.3860,
0.4537

■ 100.0000, 0.3127,
0.3290

■ 93.1410, 0.3969,
0.4728

■ 92.6400, 0.4056,
0.4879

■ 92.2781, 0.4116,
0.4987

■ 92.0373, 0.4149,
0.5052

■ 91.9004, 0.4161,
0.5078

Harmonies

Analogous

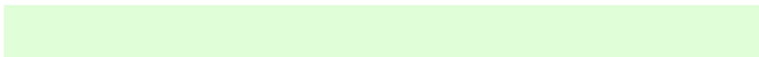
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.8079, 0.3653, 0.3723



96.8079, 0.3441, 0.3821



96.8079, 0.3151, 0.3765

Triad

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



96.8079, 0.3441, 0.3821



96.8079, 0.2567, 0.3017



96.8079, 0.3382, 0.3039

Complementary

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



96.8079, 0.3441, 0.3821



61.5700, 0.2776, 0.2700

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.



96.8079, 0.3080, 0.2869



96.8079, 0.3441, 0.3821



96.8079, 0.2621, 0.2847

Square

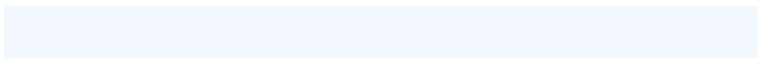
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



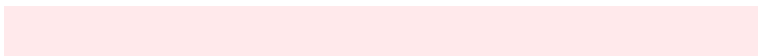
96.8079, 0.3441, 0.3821



96.8079, 0.2654, 0.3278



96.8079, 0.2804, 0.2798



96.8079, 0.3621, 0.3272

Rectangle

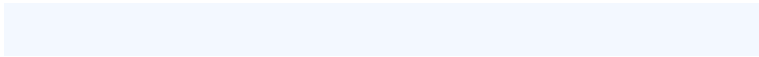
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.8079, 0.3441, 0.3821



96.8079, 0.2955, 0.3641



96.8079, 0.2804, 0.2798



96.8079, 0.3284, 0.2973

Sweetspot

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



96.8107, 0.3441, 0.3821



99.0001, 0.3214, 0.3437



67.6888, 0.3554, 0.3301



21.1678, 0.3224, 0.3454



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

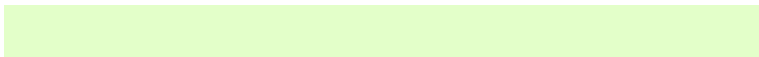
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.8107, 0.3441, 0.3821



96.3307, 0.3498, 0.3919



92.0888, 0.3264, 0.3852



21.0727, 0.3266, 0.3525



48.0277, 0.4161, 0.5078



4.6815, 0.4165, 0.5075

Inverse Universe

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



61.5700, 0.2776, 0.2700



55.8526, 0.2703, 0.2577



65.6538, 0.2963, 0.2731



17.3937, 0.2981, 0.3044



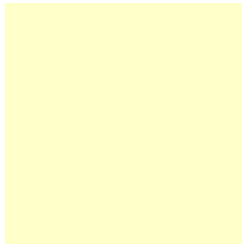
3.7953, 0.1506, 0.0603



0.3749, 0.1518, 0.0610

Previews

White Background



This preview shows how the Yxy color 96.8079, 0.3441, 0.3821 looks on a white background.

Color Contrast Check

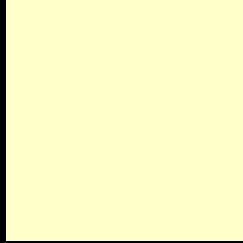
Large Text (above 18pt) WCAG AA × Fail

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 96.8079, 0.3441, 0.3821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

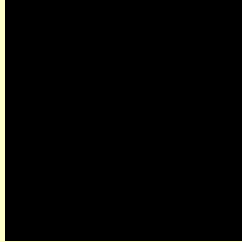
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.8079, 0.3441, 0.3821

Background



This preview shows how black text looks on a background with the Yxy color 96.8079, 0.3441, 0.3821.



This preview shows how white text looks on a background with the Yxy color 96.8079, 0.3441, 0.3821.

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

96.8079, 0.3441, 0.3821



Protanopia

96.6052, 0.3212, 0.3387

Deuteranopia

97.0317, 0.3170, 0.3319

Tritanopia

96.6620, 0.3123, 0.3242

Trichromacy



Original Color

96.8079, 0.3441, 0.3821



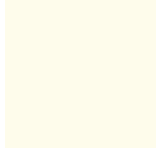
Protanomaly

96.3718, 0.3301, 0.3543



Deuteranomaly

96.6503, 0.3271, 0.3494



Tritanomaly

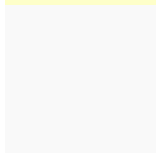
96.6898, 0.3240, 0.3455

Monochromacy



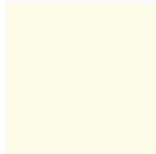
Original Color

96.8079, 0.3441, 0.3821



Achromatopsia

94.7307, 0.3127, 0.3290



Achromatomaly

95.3298, 0.3240, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.8079, 0.3441, 0.3821 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(254, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 201)  
}
```

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(254, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 201) }
```

Border

The CSS property to change the border of an element to Yxy 96.8079, 0.3441, 0.3821 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(254, 255, 201) }
```

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

```
.border{ border-color:rgb(254, 255, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 96.8079, 0.3441, 0.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 201) }
```

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

```
.background{ background-color: rgb(254,  
255, 201) }
```

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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