

Converting Colors

$Y_{xy}(100.0000, 0.3420, 0.3893)$

Have a look what the booklet for
Yxy(100.0000, 0.3420, 0.3893)
contains.

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Color

Yxy(96.1994, 0.3427, 0.3835)

Conversions

Conversions Part 1

Format	Color
Hex	FBFFC8
RGB	251, 255, 200
RGB Percent	98%, 100%, 78%
CMY	0.0157, 0.0000, 0.2157
CMYK	0.02, 0.00, 0.22, 0.00
HSL	64°, 100%, 89%
HSV	64°, 22%, 100%
XYZ	85.9649, 96.1994, 68.6816
YIQ	247.5340, 15.2710, -17.9530

Conversions

Conversions Part 2

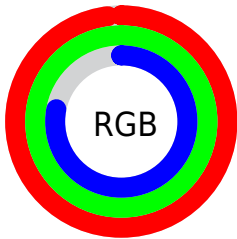
Format	Color
R _Y B	200, 255, 204
Decimal	16515016
CIE Lab	98.51, -10.05, 25.91
CIE LCh	99, 27.789, 111.191
Yxy	96.1994, 0.3427, 0.3835
Android (android.graphics.Color)	4294705096 (0xFFFBFFC8)
YUV	247.5340, -23.4343, 3.0397
Hunter-Lab	98.0813, -15.1931, 27.1390

Details

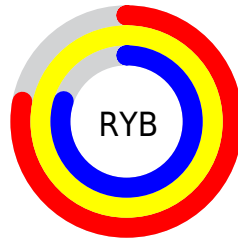
The Yxy color **96.1994, 0.3427, 0.3835** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.3699, 0.2789, 0.2691**, and the grayscale version is **93.6502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.9328, 0.3485, 0.3947** is the 20% darker color. If you saturate the color by 10%, you get **94.7581, 0.3565, 0.4092**, and if you desaturate by 10%, it is **97.8376, 0.3287, 0.3578**.

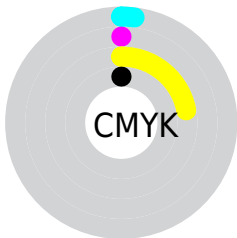
Distribution



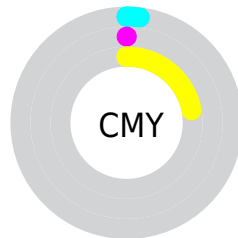
- Red (98%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.1994, 0.3427, 0.3835 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 96.1994, 0.3427, 0.3835 by changing the saturation by 10% instead.


 96.1994, 0.3427,
0.3835

 96.1994, 0.3427,
0.3835


547.9976, 0.3298,
0.3591

 73.1336, 0.3454,
0.3888


155.9206, 0.3384,
0.3752

 54.0852, 0.3486,
0.3953


193.3448, 0.3367,
0.3720

 38.6698, 0.3525,
0.4034

236.3239, 0.3352,
0.3691

 26.5030, 0.3573,
0.4136

285.2424, 0.3339,
0.3666

 17.2003, 0.3633,
0.4269

340.4847, 0.3327,
0.3644

 10.3774, 0.3710,
0.4449

402.4350, 0.3316,

 5.6499, 0.3806,

0.3625

0.4705

471.4779, 0.3307,
0.3607

■ 2.6334, 0.3993,
0.5181

■ 0.9435, 0.4081,
0.5919

■ 96.1994, 0.3427,
0.3835

■ 96.1994, 0.3427,
0.3835

■ 94.7581, 0.3565,
0.4092

■ 97.8376, 0.3287,
0.3578

■ 93.5118, 0.3696,
0.4341

■ 99.6899, 0.3148,
0.3328

■ 92.4472, 0.3814,
0.4570

■ 100.0000, 0.3127,
0.3290

■ 91.5525, 0.3913,
0.4770

■ 90.8146, 0.3989,
0.4932

■ 90.2182, 0.4038,
0.5050

■ 89.7451, 0.4061,
0.5123

■ 89.4186, 0.4064,
0.5156

Harmonies

Analogous

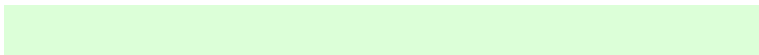
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.1994, 0.3653, 0.3745



96.1994, 0.3427, 0.3835



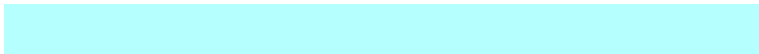
96.1994, 0.3128, 0.3765

Triad

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



96.1994, 0.3427, 0.3835



96.1994, 0.2554, 0.2993



96.1994, 0.3410, 0.3050

Complementary

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



96.1994, 0.3427, 0.3835



61.3699, 0.2789, 0.2691

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.



96.1994, 0.3103, 0.2870



96.1994, 0.3427, 0.3835



96.1994, 0.2620, 0.2829

Square

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



96.1994, 0.3427, 0.3835



96.1994, 0.2632, 0.3255



96.1994, 0.2816, 0.2789



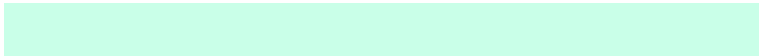
96.1994, 0.3646, 0.3290

Rectangle

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



96.1994, 0.3427, 0.3835



96.1994, 0.2929, 0.3631



96.1994, 0.2816, 0.2789



96.1994, 0.3311, 0.2981

Sweetspot

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



96.1967, 0.3427, 0.3835



98.8422, 0.3209, 0.3438



68.4591, 0.3559, 0.3329



21.1303, 0.3218, 0.3454



0.0000, 0.0000, 0.0000



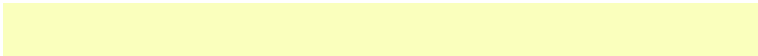
21.4041, 0.3127, 0.3290

Same Dimension

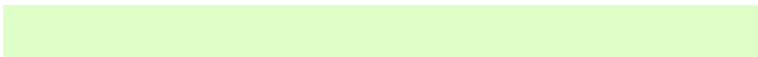
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.1967, 0.3427, 0.3835



95.5346, 0.3489, 0.3949



91.5112, 0.3249, 0.3867



21.0193, 0.3258, 0.3526



46.7517, 0.4066, 0.5154



4.5714, 0.4081, 0.5142

Inverse Universe

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



61.3699, 0.2789, 0.2691



54.8949, 0.2708, 0.2549



65.5469, 0.2979, 0.2723



17.4411, 0.2990, 0.3045



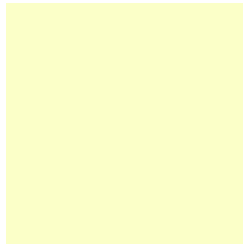
3.8657, 0.1522, 0.0612



0.3974, 0.1572, 0.0640

Previews

White Background



This preview shows how the Yxy color 96.1994, 0.3427, 0.3835 looks on a white background.

Color Contrast Check

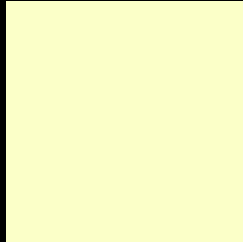
Large Text (above 18pt) WCAG AA × Fail

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 96.1994, 0.3427, 0.3835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

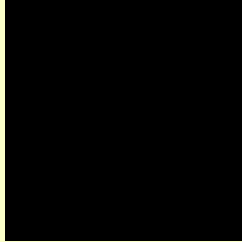
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.1994, 0.3427, 0.3835

Background



This preview shows how black text looks on a background with the Yxy color 96.1994, 0.3427, 0.3835.



This preview shows how white text looks on a background with the Yxy color 96.1994, 0.3427, 0.3835.

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

96.1994, 0.3427, 0.3835



Protanopia

96.4274, 0.3230, 0.3416

Deuteranopia

96.2850, 0.3183, 0.3329

Tritanopia

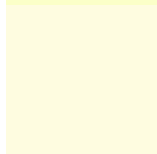
95.8540, 0.3117, 0.3233

Trichromacy



Original Color

96.1994, 0.3427, 0.3835



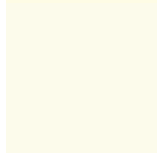
Protanomaly

96.0735, 0.3307, 0.3564



Deuteranomaly

96.3488, 0.3276, 0.3514



Tritanomaly

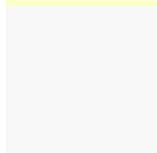
95.6880, 0.3228, 0.3446

Monochromacy



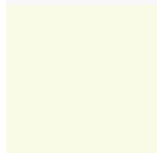
Original Color

96.1994, 0.3427, 0.3835



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.9036, 0.3233, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.1994, 0.3427, 0.3835 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, 255, 200)` looks like.

```
.text, #text, p{  
    color:rgb(251, 255, 200)  
}
```

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, 255, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 200) }
```

Border

The CSS property to change the border of an element to Yxy 96.1994, 0.3427, 0.3835 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, 255, 200) }
```

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

```
.border{ border-color:rgb(251, 255, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 255, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 200);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 96.1994, 0.3427, 0.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 200) }
```

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

```
.background{ background-color: rgb(251,  
255, 200) }
```

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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