

Converting Colors

$Y_{xy}(167.0065, 0.3328, 0.4654)$

Have a look what the booklet for
Yxy(167.0065, 0.3328, 0.4654)
contains.

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Color

Yxy(95.0216, 0.3490, 0.3980)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFBA
RGB	248, 255, 186
RGB Percent	97%, 100%, 73%
CMY	0.0276, 0.0000, 0.2706
CMYK	0.03, 0.00, 0.27, 0.00
HSL	66°, 100%, 86%
HSV	66°, 27%, 100%
XYZ	83.3230, 95.0216, 60.4032
YIQ	245.0410, 17.9770, -22.9430

Conversions

Conversions Part 2

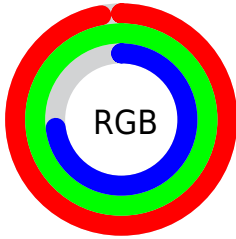
Format	Color
RYB	186, 255, 193
Decimal	16318394
CIELab	98.04, -13.03, 32.29
CIELCh	98, 34.819, 111.973
Yxy	95.0216, 0.3490, 0.3980
Android (android.graphics.Color)	4294508474 (0xFFF8FFBA)
YUV	245.0410, -29.1072, 2.5950
Hunter-Lab	97.4790, -18.0104, 31.4961

Details

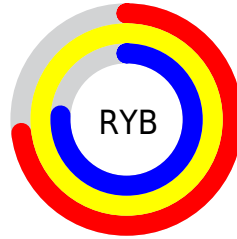
The Yxy color **95.0216, 0.3490, 0.3980** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.6815, 0.2702, 0.2518**, and the grayscale version is **91.5617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **53.1305, 0.3564, 0.4130** is the 20% darker color. If you saturate the color by 10%, you get **93.5520, 0.3620, 0.4237**, and if you desaturate by 10%, it is **96.6760, 0.3355, 0.3720**.

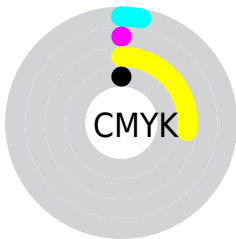
Distribution



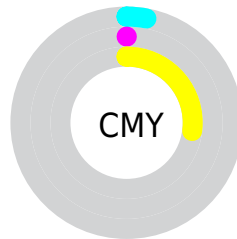
- Red (97%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (76%)



- Cyan (3%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.0216, 0.3490, 0.3980 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 95.0216, 0.3490, 0.3980 by changing the saturation by 10% instead.


 95.0216, 0.3490,
0.3980

 95.0216, 0.3490,
0.3980


544.2341, 0.3336,
0.3670

 72.1530, 0.3522,
0.4048

 154.2944, 0.3439,
0.3875

 53.2836, 0.3559,
0.4130


191.4674, 0.3419,
0.3833

 38.0292, 0.3604,
0.4233


234.1773, 0.3401,
0.3797

 26.0054, 0.3658,
0.4362


282.8085, 0.3385,
0.3765

 16.8277, 0.3724,
0.4529

337.7454, 0.3370,
0.3737

 10.1117, 0.3802,
0.4754

399.3724, 0.3358,

 5.4731, 0.3889,

0.3713

0.5064

468.0738, 0.3346,
0.3690

■ 2.5274, 0.4183,
0.5817

■ 0.8903, 0.3724,
0.6276

■ 95.0216, 0.3490,
0.3980

■ 95.0216, 0.3490,
0.3980

■ 93.5520, 0.3620,
0.4237

■ 96.6760, 0.3355,
0.3720

■ 92.2800, 0.3739,
0.4480

■ 98.5477, 0.3220,
0.3464

■ 91.1864, 0.3842,
0.4700

100.0000, 0.3127,
0.3290

■ 90.2589, 0.3923,
0.4886

■ 89.4833, 0.3979,
0.5031

■ 88.8429, 0.4008,
0.5130

■ 88.3163, 0.4013,
0.5185

■ 88.1736, 0.4012,
0.5197

Harmonies

Analogous

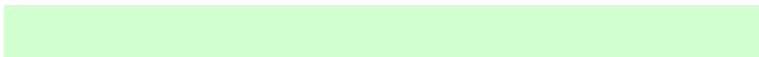
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.0216, 0.3780, 0.3862



95.0216, 0.3490, 0.3980



95.0216, 0.3113, 0.3891

Triad

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



95.0216, 0.3490, 0.3980



95.0216, 0.2415, 0.2905



95.0216, 0.3491, 0.2997

Complementary

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



95.0216, 0.3490, 0.3980



53.6815, 0.2702, 0.2518

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.



95.0216, 0.3104, 0.2775



95.0216, 0.3490, 0.3980



95.0216, 0.2500, 0.2710

Square

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



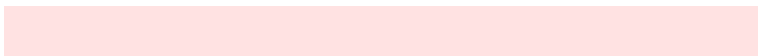
95.0216, 0.3490, 0.3980



95.0216, 0.2505, 0.3231



95.0216, 0.2744, 0.2669



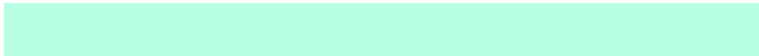
95.0216, 0.3788, 0.3293

Rectangle

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



95.0216, 0.3490, 0.3980



95.0216, 0.2866, 0.3717



95.0216, 0.2744, 0.2669



95.0216, 0.3366, 0.2912

Sweetspot

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



95.0139, 0.3490, 0.3980



98.3623, 0.3233, 0.3488



62.9015, 0.3698, 0.3364



20.9910, 0.3253, 0.3526



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

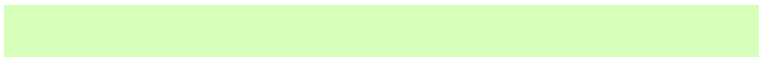
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.0139, 0.3490, 0.3980



94.2671, 0.3555, 0.4108



89.3014, 0.3262, 0.4033



20.9910, 0.3253, 0.3526



46.1109, 0.4015, 0.5194



4.5157, 0.4036, 0.5177

Inverse Universe

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



53.6815, 0.2702, 0.2518



47.1728, 0.2609, 0.2354



58.7345, 0.2950, 0.2570



17.4664, 0.2994, 0.3045



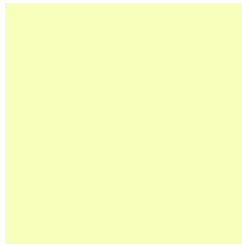
3.9163, 0.1534, 0.0619



0.4093, 0.1600, 0.0655

Previews

White Background



This preview shows how the Yxy color 95.0216, 0.3490, 0.3980 looks on a white background.

Color Contrast Check

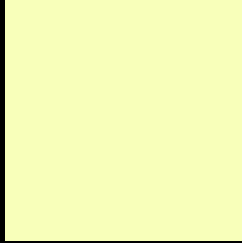
Large Text (above 18pt) WCAG AA × Fail

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 95.0216, 0.3490, 0.3980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

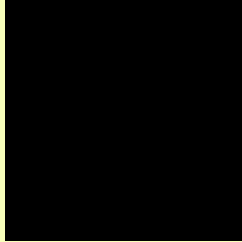
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.0216, 0.3490, 0.3980

Background



This preview shows how black text looks on a background with the Yxy color 95.0216, 0.3490, 0.3980.

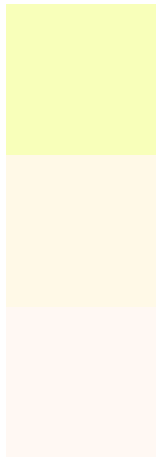


This preview shows how white text looks on a background with the Yxy color 95.0216, 0.3490, 0.3980.

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

95.0216, 0.3490, 0.3980

Protanopia

94.7809, 0.3274, 0.3466

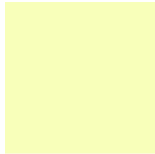
Deuteranopia

94.8659, 0.3202, 0.3338

Tritanopia

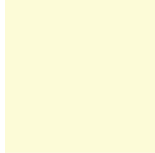
95.2374, 0.3118, 0.3223

Trichromacy



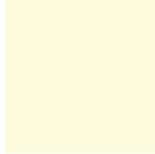
Original Color

95.0216, 0.3490, 0.3980



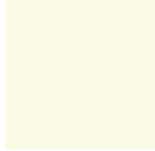
Protanomaly

94.5961, 0.3349, 0.3646



Deuteranomaly

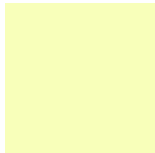
94.9637, 0.3307, 0.3575



Tritanomaly

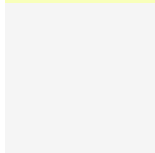
95.2168, 0.3252, 0.3496

Monochromacy



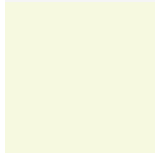
Original Color

95.0216, 0.3490, 0.3980



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.7260, 0.3257, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.0216, 0.3490, 0.3980 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(248, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 186)  
}
```

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(248, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 186) }
```

Border

The CSS property to change the border of an element to Yxy 95.0216, 0.3490, 0.3980 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(248, 255, 186) }
```

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

```
.border{ border-color:rgb(248, 255, 186) }
```

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

Here you see how a box with a 4 pixel rgb(248, 255, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 95.0216, 0.3490, 0.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 186) }
```

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

```
.background{ background-color: rgb(248,  
255, 186) }
```

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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